

	Status:	\bigcirc	N	U
Seismic Walkdown Checklist (SWC)				
Equipment ID No. 2SIS-MOV867A Equip. Class 8A. Motor Operated Va	alve			
Equipment Description HHSI Isol to Cold Leg Injection				
Location: Bldg. AXLB Floor El. 710 Room A	XLB 710	Boron Ta	nk	
Manufacturer, Model, Etc.				
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of SWEL. The space below each of the following questions may be used to record the results findings. Additional space is provided at the end of this checklist for documenting other complete.	of judgm			
Anchorage				
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? MOV on ~4" diameter line that is well braced to the wall.	Y	N X		
	Y	N	U	N/A
2. Is the anchorage free of bent, broken, missing or loose hardware?				X
_	Y	N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation?				X
Valve found in very good condition.				
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y	N	U	N/A X
	•			
5. Is the anchorage configuration consistent with plant documentation?	Y	N	U	N/A X
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)		I		Λ
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y X	N	U	



Seismic Walkdo	own Checklist (SWC)			Status:	\bigcirc	N	U
Equipment ID N	o. 2SIS-MOV867A	Equip. Class 8A. Mo	otor Operate	ed Valve			
Equipment Desc	ription HHSI Isol to C	Cold Leg Injection		·			
Interaction Effe	ects					-	
7. Are soft target	s free from impact by nearby	equipment or structures?		Y X	N	U	N/A
8. Are overhead and masonry b	equipment, distribution syster lock walls not likely to collap	ns, ceiling tiles and lighting, se onto the equipment?		Y	N	U	N/A
	nes have adequate flexibility t ave adequate flexibility.	o avoid damage?		Y	N	U	N/A
	above seismic interaction eva adverse seismic interaction ef			Y	N	U	
Other Adverse (11. Have you loo adversely affe	Conditions ked for and found no other se cet the safety functions of the	ismic conditions that could equipment?		Y	N	U	
Comments (Add	itional pages may be added as	necessary)					
	- this U Sunt						
Evaluated by:	Eddie M. Guerra	// .	Date:	10/10/2	012		
	Brian A. Lucarelli	.	Date:	10/10/2	012		



Y

N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SIS-MOV867A

Equip. Class 8A. Motor Operated Valve

Equipment Description

HHSI Isol to Cold Leg Injection

Other supporting or relevant documents and photos (if any):



File Name: 2-61-1-2-01.jpeg Description: Component Plate ID



File Name: 2-62-1-2-01.jpeg



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SIS-MOV867A

Equip. Class 8A. Motor Operated Valve

Equipment Description

HHSI Isol to Cold Leg Injection



File Name: 2-63-1-2-01.jpeg



Seismic Walkdown Checklist (SWC))			Status:	\bigcirc	N	U
Equipment ID No. 2SIS-MOV88114		Equip. Class 8A. Mo	otor Operated	d Valve			
Equipment Description Recirc	. ISO VLV's				_		
Location: Bldg. SFGB	Floor El.	718	Room	SFGD 718	West		•
Manufacturer, Model, Etc.			_				
Instructions for Completing Checkli This checklist may be used to documer SWEL. The space below each of the for findings. Additional space is provided	nt the results of	tions may be used to re	ecord the res	ults of judgm			
Anchorage				1 7	27		
1. Is the anchorage configuration verification of the 50% of SWEL items requiring MOV mounted on ~10" diameter line. valve is well supported.	g such verifica	ation)?		Y	N X		
2. Is the anchorage free of bent, broker	1, missing or l	oose hardware?		Y	N	U	N/A X
3. Is the anchorage free of corrosion th oxidation? Valve found in good condition	at is more tha	n mild surface		Y	N	U	N/A X
4. Is the anchorage free of visible crack	ks in the conci	rete near the anchors?		Y	N	U	N/A X
5. Is the anchorage configuration consi (Note: This question only applies if which an anchorage configuration	the item is one	e of the 50% for		Y	N	U	N/A X
6. Based on the above anchorage evalu potentially adverse seismic conditio		anchorage free of		Y X	N	U	



Seismic Walkdo	wn Checklist (SWC)	Status:	Ø	N	U
Equipment ID No	o. <u>2SIS-MOV8811A</u> Equip. Class 8A. Motor Operate	ed Valve			
Equipment Descr	iption Recirc. ISO VLV's				
Interaction Effe	cts			-	
7. Are soft target	s free from impact by nearby equipment or structures?	Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting, ock walls not likely to collapse onto the equipment?	Y	N	U	N/A
	nes have adequate flexibility to avoid damage? and with adequate flexibility.	Y X	N	U	N/A
10. Based on the	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?	Y	N	U	·
	Conditions ked for and found no other seismic conditions that could ct the safety functions of the equipment?	Y X	N	U L	
Comments (Add	itional pages may be added as necessary)			-	
	- the USuna SC				
Evaluated by:	Eddie M. Guerra Date:	10/10/2	012	-	
	Brian A. Lucarelli Date:	10/10/2	012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SIS-MOV8811A

Equip. Class 8A. Motor Operated Valve

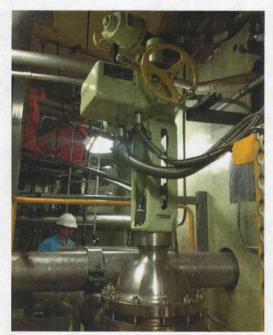
Equipment Description

Recirc. ISO VLV's

Other supporting or relevant documents and photos (if any):



File Name: 2-61-8-2-23.jpeg Description: Component Plate ID



File Name: 2-62-8-2-23.jpeg



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SIS-MOV8811A

Equip. Class 8A. Motor Operated Valve

Equipment Description

Recirc. ISO VLV's



File Name: 2-63-8-2-23.jpeg
Description: View of Attached Lines



Seismic Walkdown Checklist (SWC)				Status:	\mathfrak{A}	N	U
Equipment ID No. 2SIS-P21A		Equip. Class 5. Horizon	ntal Pump	s			
Equipment Description Low Hea	d Safety INJ	Pump P21A					
Location: Bldg. SFGB F	Floor El.	718	Room	SFGD 718			
Manufacturer, Model, Etc.			-				
Instructions for Completing Checklist This checklist may be used to document SWEL. The space below each of the follo findings. Additional space is provided at	the results of owing questi	ons may be used to reco	ord the res	ults of judgm			
Anchorage							
1. Is the anchorage configuration verifica of the 50% of SWEL items requiring s Skid supporting pump and motor has 10-	such verificat	tion)?		Y	N		
2. Is the anchorage free of bent, broken, t	missing or lo	ose hardware?		Y	N	U	N/A
3. Is the anchorage free of corrosion that oxidation?	is more than	mild surface		Y	N	U	N/A
4. Is the anchorage free of visible cracks	in the concre	ete near the anchors?		Y	N	U	N/A
5. Is the anchorage configuration consists (Note: This question only applies if the which an anchorage configuration ver	e item is one	of the 50% for		Y	N	U	N/A
Drawing 2002.290-001-002 indicates ski diameter anchors. Anchorage confirmed							
6. Based on the above anchorage evaluate potentially adverse seismic conditions		nchorage free of		Y	N	U	



Seismic Walkdo	wn Checklist (SWC)			Status:	\bigcirc	N	U
Equipment ID No	o. <u>2SIS-P21A</u>	Equip. Class 5. Horiz	zontal Pumps	5			
Equipment Descr	iption Low Head Sa	fety INJ Pump P21A					
Interaction Effec	cts						
7. Are soft targets	s free from impact by nearby	equipment or structures?		Y X	N	U	N/A
	equipment, distribution syste ock walls not likely to colla	ms, ceiling tiles and lighting, ose onto the equipment?		Y	N	U	N/A
9. Do attached lin	nes have adequate flexibility	to avoid damage?		Y	N	U	N/A
	above seismic interaction evadverse seismic interaction of	aluations, is equipment free effects?		<u>Ү</u> <u>Х</u>	N	U	
		eismic conditions that could equipment?		Y	N	U	
Comments (Addi	itional pages may be added a	as necessary)				-	
	- His U.Sun	Q					
Evaluated by:	Eddie M. Guerra		Date:	10/10/2	012		
	Brian A. Lucarelli		Date:	10/10/2	012		



Seismic Walkdown Checklist (SWC)

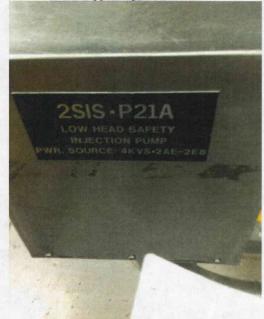
Equipment ID No. 2SIS-P21A

Equip. Class 5. Horizontal Pumps

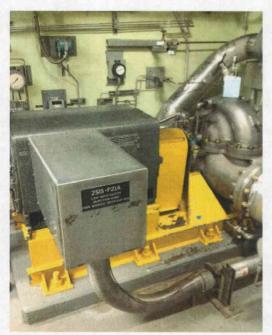
Equipment Description

Low Head Safety INJ Pump P21A

Other supporting or relevant documents and photos (if any):



File Name: 2-61-5-2-23.jpeg Description: Component Plate ID



File Name: 2-62-5-2-23.jpeg



Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SIS-P21A

Equip. Class 5. Horizontal Pumps

Equipment Description

Low Head Safety INJ Pump P21A



File Name: 2-63-5-2-23.jpeg
Description: Close Up View of Anchorage



File Name: 2-64-5-2-23.jpeg Description: View of Attached Lines



Seismic Walkdown	n Checklist (SW	(C)			Status:	ᅠ♥	N	U
Equipment ID No.	2SVS-HCV10	4	Equip. Class 7. Pr	eumatic-Oper	rated Valves			
Equipment Descrip	tion Res	dual Heat Rele	ase Valve					_
Location: Bldg.	MSCV	Floor El.	773	Room	Main Stea	m Room	El 778	
Manufacturer, Mod	el, Etc.							
SWEL. The space b	be used to docur below each of the	nent the results following que	of the Seismic Walk stions may be used to this checklist for doo	record the re	sults of judg	ments and	e I	
Anchorage							_	
1. Is the anchorage of the 50% of SW Valve on ~12"diame	VEL items requir		red (i.e., is the item o cation)?	ne	Y	N X]	
2. Is the anchorage	free of bent, brol	ken, missing or	loose hardware?		Y	N	U	N/A X
3. Is the anchorage oxidation?	free of corrosion	that is more th	an mild surface		Y	N	U	N/A X
Oxidation:								
4. Is the anchorage	free of visible cra	acks in the cond	crete near the anchors	s?	Y	N	U	N/A X
					Y	N	U	N/A
5. Is the anchorage (Note: This quest which an anchor	ion only applies	if the item is or	ne of the 50% for			17	<u> </u>	X
6. Based on the aborpotentially adver	_		anchorage free of		Y	N	U	



	a		Status:	\bigcirc	N	U
Seismic Walkdo	wn Checklist (SWC)					
Equipment ID No	b. <u>2SVS-HCV104</u> Equip. Class 7. Pneu	matic-Oper	ated Valves			
Equipment Descr	ription Residual Heat Release Valve				_	
Interaction Effe	cts		v	N	ŤĬ	NI/A
7. Are soft target	s free from impact by nearby equipment or structures?		Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting,		Y	N	U	N/A
and masonry of	ock walls not likely to collapse onto the equipment?			N	**	27/4
	nes have adequate flexibility to avoid damage? und with adequate flexibility.		Y	N	U	N/A
	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?		Y	N	U	
	Conditions ked for and found no other seismic conditions that could ct the safety functions of the equipment?		Y X	N	U	
Comments (Add	itional pages may be added as necessary)		<u></u>	····	-	
	- this U.S. In Il					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012	_	
	Sout full.					
	Brian A. Lucarelli	Date:	10/10/2	2012	_	

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Equipment ID No. 2SVS-HCV104

Seismic Walkdown Checklist (SWC)

Equip. Class 7. Pneumatic-Operated Valves

Status:

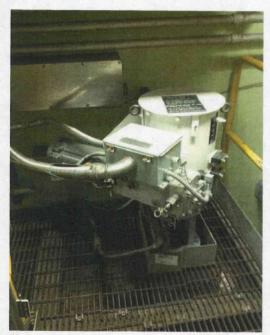
Equipment Description

Residual Heat Release Valve

Other supporting or relevant documents and photos (if any):



File Name: 2-61-4-2-16.jpeg Description: Component Tag ID



File Name: 2-62-4-2-16.jpeg



Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SVS-HCV104

Equip. Class 7. Pneumatic-Operated Valves

Equipment Description

Residual Heat Release Valve



File Name: 2-63-4-2-16.jpeg

Description: View of Component and Main Line



	Status:	\bigcirc	N	U
Seismic Walkdown Checklist (SWC)				
Equipment ID No. 2SVS-PCV101A Equip. Class 0. Other				
Equipment Description Atmos Steam Dump Valve Motor				
Location: Bldg. MSCV Floor El. 773 Room	Main Steam	n Room I	Upper Plat	
Manufacturer, Model, Etc.				
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item SWEL. The space below each of the following questions may be used to record the res findings. Additional space is provided at the end of this checklist for documenting other	ults of judgm		- ;	
Anchorage	V	N		
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y	X]	
Valve with substantial yoke. Piping is well supported within ~6' of valve on each side.				
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y	N	U	N/A X
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Valve found in good condition.	Y	N	U	N/A X
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y	N	U	N/A X
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)	Y	N	U	N/A X
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y	N	U	



Seismic Walkdo	wn Checklis	t (SWC)			Status:	Ø	N	U
Equipment ID No	o. <u>2SVS-PC</u>	CV101A	Equip. Class 0. 0	Other				
Equipment Descr	ription	Atmos Steam	Dump Valve Motor	-				
Interaction Effe	cts				***	> T		27/4
7. Are soft targets	s free from in	npact by nearby	equipment or structures	?	X	N	U	N/A
			ns, ceiling tiles and ligh se onto the equipment?	ting,	Y	N	U	N/A
9. Do attached lin Attached lines for				Y X	N	U	N/A	
		c interaction eva	aluations, is equipment f	ree	Y	N	U	
	ked for and for	ound no other se	eismic conditions that co equipment?	uld	Y	N	U	
Comments (Add	itional pages	may be added a	s necessary)		1808 1800 1800			
		the U.Sm.J	20					
Evaluated by:	Eddie M.	•	//.	Date:	10/10/2	012		
	Brian A.	A Lucarelli	Z	Date:	10/10/2	012		

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Status:



Seismic Walkdown Checklist (SWC)

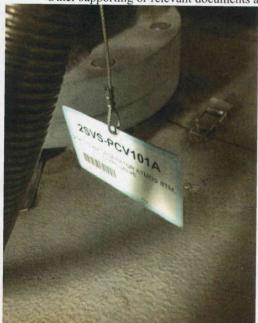
Equipment ID No. 2SVS-PCV101A

Equip. Class 0. Other

Equipment Description

Atmos Steam Dump Valve Motor

Other supporting or relevant documents and photos (if any):



File Name: 2-61-3-2-16.jpeg Description: Component Tag ID



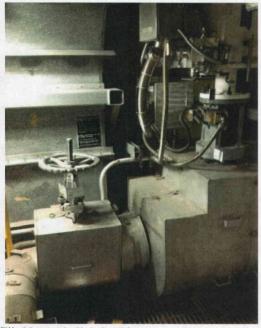
File Name: 2-62-3-2-16.jpeg



Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SVS-PCV101A Equip. Class 0. Other

Equipment Description Atmos Steam Dump Valve Motor



File Name: 2-63-3-2-16.jpeg

Description: View of Component and Main Line



Seismic Walkdowi	n Checklis	t (SWC)					Status:	\bigcirc	N	U
Equipment ID No.	2SWS-57	` ,		Equip. Class	0D. Other-Ch	eck V	alve or Manu	ıal Valve		
Equipment Descrip	tion	SW PP	(2SWS*P2	IA) Disch						
Location: Bldg.	INTS	_	Floor El.	705	Ro	om	Intake Cub	icle D		
Manufacturer, Mod	el, Etc.	-								
Instructions for Co This checklist may SWEL. The space b findings. Additiona	be used to below each	documen	t the results llowing que	stions may be us	ed to record t	he res	ults of judgm		-	
Anchorage							37	N		
1. Is the anchorage of the 50% of SW Check valve on well insulation/cladding.	VEL items : <i>l-supported</i>	requiring	such verific	cation)?			Y	X]	
2. Is the anchorage	free of ben	t, broken	, missing or	loose hardware?	,		Y	N	U	N/A X
3. Is the anchorage oxidation?	free of corr	osion tha	it is more tha	an mild surface			Y	N	U	N/A X
4. Is the anchorage	free of visi	ble crack	s in the cond	crete near the an	chors?		Y	N	U	N/A X
5. Is the anchorage (Note: This quest which an anchor	tion only ap	plies if t	he item is or	ne of the 50% fo			Y	N	U	N/A X
6. Based on the abo potentially adver				anchorage free	of		Y X	N	U	



Seismic Walkdo	wn Checklist (SWC)			Status:	Ø	N	U
Equipment ID No	o. <u>2SWS-57</u>	Equip. Class 0D. Oth	er-Check V	Valve or Manu	al Valve		
Equipment Descr	ription SW PP	(2SWS*P21A) Disch		<u></u>			
Interaction Effe	cts					-	
7. Are soft target	s free from impact by r	nearby equipment or structures?		Y	N	U	N/A
		systems, ceiling tiles and lighting, collapse onto the equipment?		Y X	N	U	N/A
9. Do attached lin	nes have adequate flexi	bility to avoid damage?		Y	N	U	N/A
	above seismic interacti adverse seismic interac	ion evaluations, is equipment free etion effects?		Y X	N	U	
		ther seismic conditions that could of the equipment?	<u></u>	Y	N	U	
Comments (Add	itional pages may be a	dded as necessary)	···			-	
	= Hills	lm . Ll					
Evaluated by:	Eddie M. Guerra	1 11.	Date:	10/10/2	012	-	
	Brian A. Lucarelli	LU	Date:	10/10/2	012		



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Seismic Walkdown Checklist (SWC)

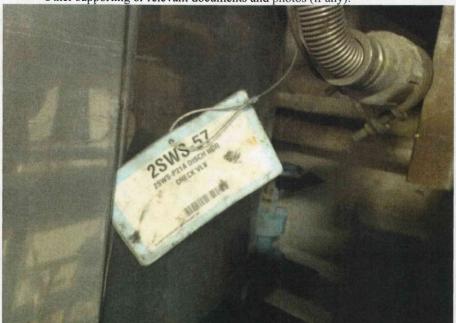
Equipment ID No. 2SWS-57

Equip. Class 0D. Other-Check Valve or Manual Valve

Equipment Description

SW PP (2SWS*P21A) Disch

Other supporting or relevant documents and photos (if any):



File Name: 2SWS-57(1).jpg Description: Component Tag ID



File Name: 2SWS-57(2).jpg



Seismic Walkdow	n Checklist ((SWC)			Status:	Ø	N	U
Equipment ID No.	2SWS-EJN	<u>1221A</u>	Equip. Class 0. Other					
Equipment Descrip	tion <u></u>	SWS Pump Dischar	ge Expansion					
Location: Bldg.	INTS	Floor El.	705	Room	Intake Cubi	cle C		
Manufacturer, Mod	lel, Etc.			_				
SWEL. The space b	be used to do below each of	ocument the results f the following ques	of the Seismic Walkdow stions may be used to rec this checklist for docum	ord the re	sults of judgm		·	
Anchorage					Y	N	•	
of the 50% of SV	VEL items re pump dischar	quiring such verific ge nozzle found in	ed (i.e., is the item one ation)? good condition. Pipe is	well		X]	
2. Is the anchorage	free of bent,	broken, missing or	loose hardware?		Y	N	U	N/A X
3. Is the anchorage oxidation?	free of corros	sion that is more tha	an mild surface		Y	N	U	N/A X
4. Is the anchorage	free of visibl	e cracks in the cond	erete near the anchors?		Y	N	U	N/A X
	tion only app	n consistent with pla lies if the item is or ration verification is	ne of the 50% for		Y	N	U	N/A X
6. Based on the abo			anchorage free of		Y X	N	U	



Seismic Walkdo	own Checklist (SWC)	Status:	Ø	N	U
Equipment ID N	o. 2SWS-EJM221A Equip. Class 0. Other				
Equipment Desc	ription SWS Pump Discharge Expansion				
Interaction Effe	ects			_	
7. Are soft target	ts free from impact by nearby equipment or structures?	Y	N	U	N/A
8. Are overhead and masonry b	equipment, distribution systems, ceiling tiles and lighting, lock walls not likely to collapse onto the equipment?	Y	N	U	N/A
9. Do attached lin	nes have adequate flexibility to avoid damage?	Y	N	U	N/A
10. Based on the of potentially	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?	Y X	N	U	
Other Adverse				-	
	oked for and found no other seismic conditions that could eet the safety functions of the equipment?	Y	N	U	
Comments (Add	litional pages may be added as necessary)			-	
	- this U.Sun LO				
Evaluated by:	Eddie M. Guerra Date:	10/10/2	012	-	
	Ent fell.				
	Brian A. Lucarelli Date:	10/10/2	012	_	



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-EJM221A

Equip. Class 0. Other

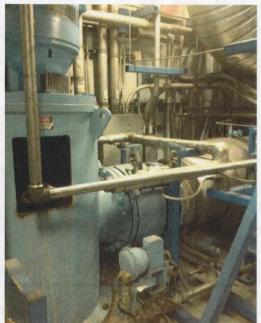
Equipment Description

SWS Pump Discharge Expansion

Other supporting or relevant documents and photos (if any):



File Name: 2SWS-EJM221A(1).jpg
Description: General View of Component



File Name: 2SWS-EJM221A(2).jpg
Description: General View of Component



		Status:	\bigcirc	N	U
Seismic Walkdown Checklist (SWC)					
Equipment ID No. 2SWS-MOV104A Equip. Class 8A. Motor	Operate	d Valve			
Equipment Description Inlet Isolation To E21A RSS HX-C					
Location: Bldg. SFGB Floor El. 718	Room	SFGD 718	West		
Manufacturer, Model, Etc.					
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to recorfindings. Additional space is provided at the end of this checklist for document	d the res	ults of judgm			
Anchorage					
1. Is the anchorage configuration verification required (i.e., is the item one		Y	N X		
of the 50% of SWEL items requiring such verification)? MOV mounted on ~14" diameter insulated line.					
		Y	N	U	N/A
2. Is the anchorage free of bent, broken, missing or loose hardware?					X
		Y	N	U_	N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation?					X
Valve found in good condition					
		Y	N	U	N/A
4. Is the anchorage free of visible cracks in the concrete near the anchors?					X
		Y	N	U	N/A
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)					X
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?		Y	N	U	1



Seismic Walkdo	wn Checklist (SWC)		Status:	\bigcirc	N	U
	,					
Equipment ID No	b. 2SWS-MOV104A Equip. Class 8A. Mor	tor Operate	d Valve			
Equipment Descr	ription Inlet Isolation To E21A RSS HX-C					
Interaction Effe	cts				_	
7. Are soft targets	s free from impact by nearby equipment or structures?		Y X	N	U	N/A
			Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting, ock walls not likely to collapse onto the equipment?		X			
			Y	N	U	N/A
	nes have adequate flexibility to avoid damage? und with adequate flexibility.		X	11		10/21
Attachea tines joi	una wiin aaequale jiexioiiliy.		Y	N	U	
	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?		X			
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?			Y	N	- U	
uuveiseiy uiie					_	
Comments (Add	itional pages may be added as necessary)					
	- States U. Grand La					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012	-	
	Sout fell.					
	Brian A. Lucarelli	Date:	10/10/2	2012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-MOV104A

Equip. Class 8A. Motor Operated Valve

Equipment Description

Inlet Isolation To E21A RSS HX-C

Other supporting or relevant documents and photos (if any):



File Name: 2-61-6-2-23.jpeg Description: Component Plate ID



File Name: 2-62-6-2-23.jpeg



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-MOV104A

Equip. Class 8A. Motor Operated Valve

Equipment Description

Inlet Isolation To E21A RSS HX-C



File Name: 2-63-6-2-23.jpeg

Description: View of Component and Main Line



Calcula Wall da Clariff (OWG)			Status:	\bigcirc	N	U
Seismic Walkdown Checklist (SWC)						
Equipment ID No. 2SWS-MOV106A Equ	ip. Class 8A. Motor	Operated	l Valve			
Equipment Description Supply To CCR HX "A" I	Header - C/S					-
Location: Bldg. VLVP Floor El. 71	8	Room	Valve Pit A			
Manufacturer, Model, Etc.						
Instructions for Completing Checklist This checklist may be used to document the results of the SWEL. The space below each of the following questions a findings. Additional space is provided at the end of this checklist	may be used to reco	rd the resi	ılts of judgm			
Anchorage						
1. Is the anchorage configuration verification required (i.e of the 50% of SWEL items requiring such verification)	?	_	Y	N X		
Large MOV side mounted on large diameter line covered well supported at wall penetration and within \sim 5 feet of vo		iin line is				
2. Is the anchorage free of bent, broken, missing or loose l	nardware?		Y	N	U	N/A X
3. Is the anchorage free of corrosion that is more than mile	d surface		Y	N T	U	N/A X
oxidation?						
			Y	N	U	N/A
4. Is the anchorage free of visible cracks in the concrete no	ear the anchors?					X
			Y	N	U	N/A
5. Is the anchorage configuration consistent with plant doc (Note: This question only applies if the item is one of the which an anchorage configuration verification is requi	ne 50% for					X
			Y	N	U	
6. Based on the above anchorage evaluations, is the ancho potentially adverse seismic conditions?	rage free of		X	T		



Seismic Walkdo	wn Checklist (SWC)		Status:	\bigcirc	N	U
			1 7 7 1			
Equipment ID No	o. 2SWS-MOV106A Equip. Class 8A. Mo	tor Operate	ed Valve			
Equipment Desci	ription Supply To CCR HX "A" Header - C/S					
Interaction Effe	cts				_	
7. Are soft target	s free from impact by nearby equipment or structures?		Y	N	U	N/A
			Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting, lock walls not likely to collapse onto the equipment?		X			
			Y	N	U	N/A
	nes have adequate flexibility to avoid damage? ave adequate flexibility.		X			
10. Based on the	above seismic interaction evaluations, is equipment free		Y	N	U	
	adverse seismic interaction effects?					
Other Adverse (112.110.			-	
	sked for and found no other seismic conditions that could set the safety functions of the equipment?		Y X	N	U	
Comments (Add	litional pages may be added as necessary)				-	
	- this U.Shna LO					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012	-	
	Sout fell.					
	Brian A. Lucarelli	Date:	10/10/2	2012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-MOV106A

Equip. Class 8A. Motor Operated Valve

Equipment Description

Supply To CCR HX "A" Header - C/S

Other supporting or relevant documents and photos (if any):



File Name: 2SWS-MOV106A(1).jpg Description: Component Tag ID



File Name: 2SWS-MOV106A(2).jpg
Description: General View of Component



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-MOV106A

Equip. Class 8A. Motor Operated Valve

Equipment Description

Supply To CCR HX "A" Header - C/S



File Name: 2SWS-MOV106A(3).jpg Description: View of Attached Lines



Seismic Walkdown	n Checklis	st (SWC)			Status:	Y	N	U
Equipment ID No.			Equip. Class 8	A. Motor Operate	ed Valve			
Equipment Descrip	tion	DG HX E21/22 In	_					
					ED C A 1			-
Location: Bldg.	DGBX	_ Floor El.	732	Room	EDG 2-1			
Manufacturer, Mod	el, Etc.							
SWEL. The space b	be used to below each	Checklist document the results of the following que provided at the end o	estions may be used	d to record the re-	sults of judgm			
Anchorage					Y	N		
		ion verification requi		n one		X]	
	main line.	requiring such verifi Main line is well su		ed in				
					Y	N	U	N/A
2. Is the anchorage	free of ben	t, broken, missing or	r loose hardware?					X
2.7.4					Y	N	U	N/A
3. Is the anchorage oxidation?	free of con	rosion that is more th	nan mild surface			X	l	
Both packing nuts of document this cond.		have moderate corr	osion. CR-2012-1-	4409 written to				
					Y	N	U	N/A
4. Is the anchorage:	free of visi	ble cracks in the con	icrete near the anch	ors?	L			X
					Y	N	U	N/A
(Note: This quest	ion only ap	ion consistent with p pplies if the item is o guration verification	one of the 50% for	?				X
					Y	N	U	1
6. Based on the abore potentially adver		ige evaluations, is the conditions?	e anchorage free of	•		X		



Soismia Walledo	own Charlest (SWC)		Status:	Y	N	U
Seisiffic walkuo	own Checklist (SWC)					
Equipment ID No	o. <u>2SWS-MOV113A</u> Equip. Class 8A. Mo	tor Operate	ed Valve			
Equipment Descr	ription DG HX E21/22 Inlet Isolation C/S	-			<u> </u>	
Interaction Effe	cts				-	
7. Are soft target	s free from impact by nearby equipment or structures?		Y X	N	U	N/A
8. Are overhead a	equipment, distribution systems, ceiling tiles and lighting,		Y	N	U	N/A
	lock walls not likely to collapse onto the equipment?				·	<u> </u>
9. Do attached lin	nes have adequate flexibility to avoid damage?		Y	N	U	N/A
Attached lines ha	we adequate flexibility.					
	above seismic interaction evaluations, is equipment free		Y X	N	U	
of potentially	adverse seismic interaction effects?					
Other Adverse (- 295			<u>.</u>	
adversely affe	sked for and found no other seismic conditions that could be the safety functions of the equipment? It is a safety function of the equipment? It is a safety function of the equipment?		Y	N	U	
	itional pages may be added as necessary)	<u></u>			-	
	- this US hand I					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012	-	
	Ent Lell.					
	Brian A. Lucarelli	Date:	10/10/2	2012	_	



Seismic Walkdown Checklist (SWC)

Status:

Y

N

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Equipment ID No. 2SWS-MOV113A

Equip. Class 8A. Motor Operated Valve

Equipment Description

DG HX E21/22 Inlet Isolation C/S

Other supporting or relevant documents and photos (if any):



File Name: 2SWS-MOV113A(1).jpg Description: Component Plate ID



File Name: 2SWS-MOV113A(2).jpg
Description: General View of Component

U



Seismic Walkdown Checklist (SWC)

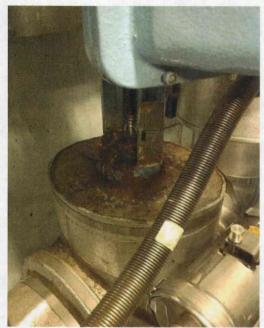
Equipment ID No. 2SWS-MOV113A

Equip. Class 8A. Motor Operated Valve

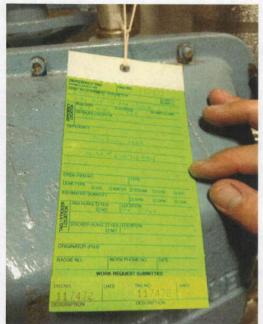
Status:

Equipment Description

DG HX E21/22 Inlet Isolation C/S



File Name: 2SWS-MOV113A(3).jpg
Description: View of Corroded Packer Nuts



File Name: 2SWS-MOV113A(4).jpg
Description: Deficiency Tag on Component



Seismic Walkdown Checklist (S'	WC)			Status:	Y	N	U
Equipment ID No. 2SWS-P21A		Equip. Class 6. Ver	rtical Pumps				
Equipment Description Se	rvice Water Pum	np 21A					
Location: Bldg. INTS	Floor El.	705	Room	Intake Cub	icle D		
Manufacturer, Model, Etc.							
Instructions for Completing Characteristics that the checklist may be used to door SWEL. The space below each of the findings. Additional space is provided that the characteristics are considered as the complete of the characteristics.	ament the results he following que	stions may be used to	record the res	ults of judgm		,	
Anchorage	_			37	N I	•	
1. Is the anchorage configuration of the 50% of SWEL items required Veritcal pump attached to base planchored with 12-1 1/2" diameter	iring such verificate with 12~1"da	cation)? meter machine bolts.		X	N		
2. Is the anchorage free of bent, br	oken, missing or	loose hardware?		Y	N	U	N/A
3. Is the anchorage free of corrosic oxidation?	on that is more th	an mild surface		Y	N X	U	N/A
Pump is leaking oil. Most anchor moderate corrosion with material document this issue.							
4. Is the anchorage free of visible of	cracks in the cond	crete near the anchors	?	Y	N	U	N/A
5. Is the anchorage configuration of				Y	N	U	N/A
(Note: This question only applie which an anchorage configurat							
Calculation 731-N-0027 confirms	anchorage config	guration as stated in it	tem 1 above.				
Based on the above anchorage e potentially adverse seismic con		anchorage free of		Y	N X	U]



Seismic Walkdo	wn Checklist (SWC)			Status:	Y	N	U
Equipment ID No	o. <u>2SWS-P21A</u>	Equip. Class 6. Vertica	l Pumps				
Equipment Descr	ription Service Wat	ter Pump 21A			_		
Interaction Effe	cts					-	
7. Are soft target	s free from impact by nearl	by equipment or structures?		Y X	N	U	N/A
and masonry bl	ock walls not likely to coll		1	Y X	N_	U	N/A
Flourescent light damaging.	supported by chain has po	tential to impact pump. Judged r	ot to be				
9. Do attached lin	nes have adequate flexibilit	y to avoid damage?		Y X	N	U	N/A
10 Based on the	ahove seismic interaction of	evaluations, is equipment free		Y X	N_	U	
	adverse seismic interaction			A		<u> </u>	•
Other Adverse (seismic conditions that could		Y		- U	
	ct the safety functions of th			X			
Comments (Add	itional pages may be added	l as necessary)				-	
	- this U.Smi	<u>L</u>					
Evaluated by:	Eddie M. Guerra		Date:	10/10/2	012	-	
	Sunt on	U.					
	Brian A. Lucarelli		Date:	10/10/2	012		



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-P21A

Equip. Class 6. Vertical Pumps

Equipment Description

Service Water Pump 21A

Other supporting or relevant documents and photos (if any):



File Name: 2SWS-P21A(1).jpg Description: Component Plate ID



File Name: 2SWS-P21A(2).jpg

Description: General View of Component

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N

Status:

Y



Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-P21A

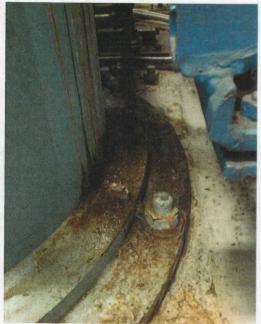
Equip. Class 6. Vertical Pumps

Equipment Description

Service Water Pump 21A



File Name: 2SWS-P21A(3).jpg Description: View of Anchor Bolts



File Name: 2SWS-P21A(4).jpg

Description: View of Corroded Anchorage



Y

N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-P21A

Equip. Class 6. Vertical Pumps

Equipment Description

Service Water Pump 21A



File Name: 2SWS-P21A(5).jpg Description: View of Attached Line



Seismic Walkdow	n Checklist (SWC)				Status:	Ø	N	U
Equipment ID No.	2SWS-PCV118		Equip. Class 7.	Pneumatic Opera	ited Valve Da	mper		
Equipment Descrip	tion <u>Unit 1 Sur</u>	ply To Se	ervice Water Pum	p SE		- 112		
Location: Bldg.	<u>INTS</u> Flo	oor El.	705	Room	Intake Cubi	cle C		
Manufacturer, Mod	lel, Etc.	_		·				
This checklist may SWEL. The space by	ompleting Checklist be used to document the below each of the follow l space is provided at the	ving ques	tions may be used	l to record the res	ults of judgm		•	
Anchorage					Y	N	•	
of the 50% of SV Light valve mounter	configuration verificative titems requiring sud on ~1.5" diameter linithin ~24" on other side	ch verific e. Line is	ation)?		1	X		
2. Is the anchorage	free of bent, broken, m	issing or	oose hardware?		Y	N	U	N/A X
3. Is the anchorage oxidation?	free of corrosion that is	s more tha	n mild surface		Y	N	U	N/A X
4. Is the anchorage	free of visible cracks in	the conc	rete near the anch	ors?	Y	N	U	N/A X
(Note: This quest	configuration consister tion only applies if the rage configuration veri	item is on	e of the 50% for	?	Y	N	U	N/A X
	ve anchorage evaluatiorse seismic conditions?	ns, is the	anchorage free of		Y	N	U	



Seismic Walkdo	own Checklist (SWC)			Status:	Ø	N	U
Equipment ID N	o. <u>2SWS-PCV118</u>	Equip. Class 7. Pneum	natic Opera	ated Valve Da	mper		
Equipment Desc	ription Unit 1 Supply To S	Service Water Pump SE					
Interaction Effe	cts					-	
7. Are soft target	s free from impact by nearby equi	pment or structures?		Y	N	U	N/A
	equipment, distribution systems, c lock walls not likely to collapse or			Y	N	U	N/A
	nes have adequate flexibility to avund with adequate flexibility.	oid damage?		Y	N	U	N/A
	above seismic interaction evaluati adverse seismic interaction effects			Y	N	U	
	Conditions ked for and found no other seismi ct the safety functions of the equi			Y	N	U	
Comments (Add	itional pages may be added as nec	essary)					
	- His M. Gran & C						
Evaluated by:	Eddie M. Guerra		_Date:	10/10/2	012		
	Brian A. Lucarelli		Date:	10/10/2	012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-PCV118

Equip. Class 7. Pneumatic Operated Valve Damper

Equipment Description

Unit 1 Supply To Service Water Pump SE

Other supporting or relevant documents and photos (if any):



File Name: 2SWS-PCV118(1).jpg Description: Component Tag ID



File Name: 2SWS-PCV118(2).jpg
Description: General View of Component



Seismic Walkdow	n Checklis	t (SWC)				Status:	Ø	N	U
Equipment ID No.	2SWS-P	Г-113А	Equip. Class	18. Instrumer	nt on R	ack			
Equipment Descrip	tion	Pressure Transmitte	<u>r </u>						
Location: Bldg.	VLVP	_ Floor El.	718	Ro	oom	Valve Pit A			
Manufacturer, Mod	lel, Etc.								
SWEL. The space b	be used to below each	Checklist document the results of the following ques rovided at the end of	tions may be us	sed to record t	the resu	ılts of judgme			
Anchorage									
	_	on verification require		em one		Y X	N		
	acket with	requiring such verific 4-1/4" diameter mach hor bolts.		cket is anchor	ed to				
2. Is the anchorage	free of ben	t, broken, missing or l	oose hardware	?		Y	N	U	N/A
3. Is the anchorage oxidation?	free of corr	rosion that is more tha	n mild surface			Y	N	U	N/A
4. Is the anchorage	free of visi	ble cracks in the conc	rete near the an	chors?		Y X	N	U	N/A
		on consistent with pla				Y	N	U	N/A
which an anchor	rage config -BK-16G-	oplies if the item is on uration verification is 17-3K confirms ancho	required.)		,				
6. Based on the abo potentially adver		ge evaluations, is the conditions?	anchorage free	of		Y	N	U	



Seismic Walkdo	wn Checklist (SWC)		Status:	W	N	U
Equipment ID No	o. <u>2SWS-PT-113A</u> Equip. Class 18. Inst	rument on]	Rack			
Equipment Descr	ription Pressure Transmitter					
Interaction Effe	cts				-	27/1
7. Are soft target	s free from impact by nearby equipment or structures?		Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting, lock walls not likely to collapse onto the equipment?		Y X	N	U	N/A
9. Do attached lin	nes have adequate flexibility to avoid damage?		Y	N	U	N/A
	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?		Y	N	U	
	Conditions ked for and found no other seismic conditions that could ct the safety functions of the equipment?	M	Y	N	U	
Comments (Add	itional pages may be added as necessary)	·			-	
	- this U.S. L.					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	012	-	
	Brian A. Lucarelli	Date:	10/10/2	012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-PT-113A

Equip. Class 18. Instrument on Rack

Equipment Description

Pressure Transmitter

Other supporting or relevant documents and photos (if any):



File Name: 2SWS-PT-113A(1).jpg Description: View of Anchorage



File Name: 2SWS-PT-113A(2).jpg Description: Component Tag ID



Status: (

Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-PT-113A

Equip. Class 18. Instrument on Rack

Equipment Description

Pressure Transmitter



File Name: 2SWS-PT-113A(3).jpg
Description: General View of Component



Seismic Walkdowi	n Checklis	et (SWC)			Status:	\bigcirc	N	U
Equipment ID No.	2SWS-P		Equip. Class 18	. Instrument on I	Rack			
Equipment Descrip	tion	Pressure Transmitte	er 2SWS-PT-117A					
Location: Bldg.	INTS	Floor El.	705	Room	Intake Cubi	icle D		-
Manufacturer, Mod			705	Room	make Cubi	icic D		
	ei, Eic.							
SWEL. The space b	be used to below each	Checklist document the results of the following ques provided at the end of	tions may be used	to record the res	sults of judgm	ent on the ents and		
Anchorage								
1. Is the anchorage	configurat	ion verification requir	ed (i.e., is the iten	n one	Y	N		
of the 50% of SW Component mounted	VEL items d to a floot support leg	requiring such verific r-mounted steel rack v gs are anchored to the	ation)? vith 3-3/8" diamei	er machine bolts			•	
					Y	N	U	N/A
2. Is the anchorage:	free of ben	t, broken, missing or	loose hardware?		X		,	
					Y	N	U	N/A
3. Is the anchorage to oxidation?	free of con	rosion that is more tha	n mild surface		X			
Oxidation:								
					Y	N	U	N/A
4. Is the anchorage	free of visi	ble cracks in the conc	rete near the anch	ors?	X			
					••		~ -	27/4
5. Is the anchorage of	configurati	on consistent with pla	int documentation	?	X	N	U	N/A
(Note: This quest which an anchor	ion only aprage configure - -RK-5J-2	oplies if the item is on guration verification is confirms anchorage co	e of the 50% for required.)					
					Y	N	U	
6. Based on the abor potentially adver		ge evaluations, is the conditions?	anchorage free of		X			



Seismic Walkdo	own Checklist (SWC)		Status:	\bigcirc	N	U
Equipment ID No		8. Instrument on R	Rack			
Equipment Descr	ription Pressure Transmitter 2SWS-PT-117	A				
Interaction Effe	cts				-	
	s free from impact by nearby equipment or structure cured to rack and is judged not to be an interaction		Y	N	<u>U</u>	N/A
	equipment, distribution systems, ceiling tiles and lig lock walls not likely to collapse onto the equipment		Y	N	U	N/A
9. Do attached lin	nes have adequate flexibility to avoid damage?		Y	N	U	N/A
	above seismic interaction evaluations, is equipment adverse seismic interaction effects?	free	Y	N	U	
	Conditions ked for and found no other seismic conditions that out the safety functions of the equipment?	could	Y	N	- U	
Comments (Add	itional pages may be added as necessary)				-	
	- this USmaff					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	012	-	
	Brian A. Lucarelli	Date:	10/10/2	012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-PT-117A

Equip. Class 18. Instrument on Rack

Equipment Description

Pressure Transmitter 2SWS-PT-117A

Other supporting or relevant documents and photos (if any):

File Name: 2SWS-PT-117A(1).jpg Description: Component Tag ID



File Name: 2SWS-PT-117A(2).jpg

Description: General View of Component on Rack



Y

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U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-PT-117A

Equip. Class 18. Instrument on Rack

Equipment Description

Pressure Transmitter 2SWS-PT-117A



File Name: 2SWS-PT-117A(3).jpg Description: General View of Rack



File Name: 2SWS-PT-117A(4).jpg Description: View of Rack Anchorage



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 2SWS-PT-117A

Equip. Class 18. Instrument on Rack

Equipment Description

Pressure Transmitter 2SWS-PT-117A



File Name: 2SWS-PT-117A(5).jpg
Description: View of Well-Restrained Ladder



File Name: 2SWS-PT-117A(6).jpg Description: General View of Rack



Seismic Walkdown	n Checklist (SWC)			Status:	$\langle \Omega \rangle$	N	U
Equipment ID No.	480VUS-2-	-8	Equip. Class 2. Lov	v Voltage Sv	vitchgear			
Equipment Descrip	tion	180V Substation 2-	8 Emerg BUS 2N					
Location: Bldg.	SRVB	Floor El.	730	Room	Emerg SW	GR AE		
Manufacturer, Mod	el, Etc.							
SWEL. The space b	be used to do below each of	cument the results the following ques	of the Seismic Walkdestions may be used to this checklist for docu	record the re	sults of judgn	nents and		
Anchorage				_				
	-	•	red (i.e., is the item on	e	Y	N X]	
11 section switchge	ar. Each sec was inaccess	sible because the co	oor at the front with 2- omponent was energiz					
2. Is the anchorage	free of bent, l	oroken, missing or	loose hardware?		Y	N	U	N/A
3. Is the anchorage oxidation?	free of corros	ion that is more tha	an mild surface		Y	N	U	N/A
4. Is the anchorage	free of visible	e cracks in the conc	rete near the anchors?		Y	N	U	N/A
_	ion only appl	consistent with platies if the item is on ation verification is	e of the 50% for		Y	N	U	N/A X
6. Based on the aborotentially adver			anchorage free of		Y	N	U]



Seismic Walkdo	wn Checkli	st (SWC)				Status:	(N	U
Equipment ID N	o. <u>480VUS</u>	S-2-8	Equip. Clas	ss 2. Low V	oltage Sv	vitchgear			
Equipment Descri	ription	480V Substa	ation 2-8 Emerg BUS	3 2N					
Interaction Effe	cts							-	
7. Are soft target	s free from i	mpact by nearb	y equipment or struc	ctures?		Y X	N	U	N/A
	lock walls no	t likely to colla	ems, ceiling tiles and			Y X	N	U	N/A
9. Do attached lii Attached top con			y to avoid damage?			Y X	N	U	N/A
		ic interaction e	valuations, is equipn effects?	nent free		Y	N	U	
	ked for and	found no other functions of th	seismic conditions the equipment?	nat could		Y X	N	U	
Comments (Add	itional pages	may be added	as necessary)						
		the USun	£Q.						
Evaluated by:	Eddie M	I. Guerra	//·		Date:	10/10/2	2012		
	Brian A.	Lucarelli			Date:	10/10/2	2012		



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Seismic Walkdown Checklist (SWC)

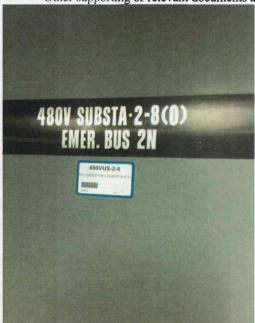
Equipment ID No. 480VUS-2-8

Equip. Class 2. Low Voltage Switchgear

Equipment Description

480V Substation 2-8 Emerg BUS 2N

Other supporting or relevant documents and photos (if any):



File Name: 480VUS-2-8(1).jpg Description: Component Plate ID



File Name: 480VUS-2-8(2).jpg

Description: General View of Component



(Y)

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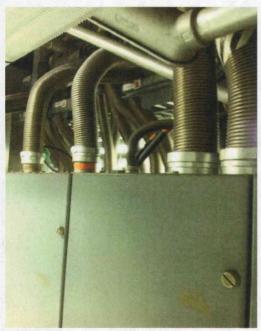
Seismic Walkdown Checklist (SWC)

Equipment ID No. 480VUS-2-8

Equip. Class 2. Low Voltage Switchgear

Equipment Description

480V Substation 2-8 Emerg BUS 2N



File Name: 480VUS-2-8(3).jpg
Description: View of Flexible Top Lines



File Name: 2-61-9-2-26.jpeg Description: View of Anchor Welds



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 480VUS-2-8

Equip. Class 2. Low Voltage Switchgear

Equipment Description

480V Substation 2-8 Emerg BUS 2N



File Name: 2-62-9-2-26.jpeg

Description: Adjacent Cabinets Bolted Together



File Name: 2-63-9-2-26.jpeg

Description: General View of Opened Compartment

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Status:



Seismic Walkdown Checklist (SWC)

Equipment ID No. 480VUS-2-8 Equip. Class 2. Low Voltage Switchgear

Equipment Description 480V

480V Substation 2-8 Emerg BUS 2N



File Name: 2-73-9-2-26.jpeg
Description: General View of Opened Door



File Name: 2-94-9-2-26.jpeg

Description: View of Components Mounted on Door



Status:

N
U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 480VUS-2-8

Equip. Class 2. Low Voltage Switchgear

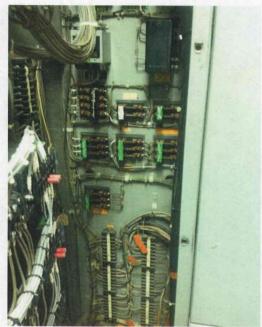
Equipment Description

480V Substation 2-8 Emerg BUS 2N



File Name: 2-95-9-2-26.jpeg

Description: View of Welds at Component Base



File Name: 2-96-9-2-26.jpeg

Description: General View Inside Opened Cabinet



Seismic Walkdown (Checklist (SWC	C)			Status:	Ø	N	U
Equipment ID No.	480VUS-2-9	_	Equip. Class 2. Lo	w Voltage Sw	vitchgear			
Equipment Description	on 480V	Substation 2-	9 BUS 2P					-
Location: Bldg.	SRVB	Floor El.	730	Room	Emerg SW	GR DF		
Manufacturer, Model	, Etc							
Instructions for Con This checklist may be SWEL. The space bel findings. Additional s	used to docum ow each of the	ent the results following ques	tions may be used to	record the res	sults of judgn		,	
Anchorage					***	N	-	
1. Is the anchorage co of the 50% of SWE				ne	Y	N X]	
11 section switchgear anchorage. No further	. Component w	as protected at	the time of walkdow					
2. Is the anchorage free Presence of embedded therefore no missing of	d sill channels i	ndicates that th	he unit is welded to th	ne embed and	Y	N	U	N/A
3. Is the anchorage free oxidation?	ee of corrosion t	that is more tha			Y	N	U	N/A
Dry environment, no o	oxidation is exp	ected.						
4. Is the anchorage fre	ee of visible cra	cks in the conc	rete near the anchors	?	Y	N	U	N/A
5. Is the anchorage co (Note: This questio which an anchorage	n only applies i	f the item is on	e of the 50% for		Y	N	U	N/A X
6. Based on the above potentially adverse	_		anchorage free of		Y	N	U	



Seismic Walkdo	wn Checklist (SWC)		Status:	Ý	N	U
Equipment ID No		Class 2. Low Voltage Sw	ritchgear			
Equipment Descr	iption 480V Substation 2-9 BUS 2	Р			<u> </u>	
Interaction Effec	ets				-	
7. Are soft targets	s free from impact by nearby equipment or	structures?	X	N	U	N/A
8 Are overhead a	equipment, distribution systems, ceiling tile	es and lighting	Y	N	U	N/A
and masonry bl	ock walls not likely to collapse onto the eqrays adequately supported.		<u> </u>			
9. Do attached lin	es have adequate flexibility to avoid dama	ge?	Y	N	U	N/A
Attached top cond	duit is adequately flexible.		Y	N	U	
	above seismic interaction evaluations, is equal adverse seismic interaction effects?	quipment free	X			
04	N 114				-	
	conditions ked for and found no other seismic condition ct the safety functions of the equipment?	ons that could	Y	N	U	
Comments (Add	itional pages may be added as necessary)				-	
	= 11:1/01 DO					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012		
	5 1/1.	Dutc.	10/10/2		-	
	Brian A. Lucarelli	Date:	10/10/2	2012		



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Seismic Walkdown Checklist (SWC)

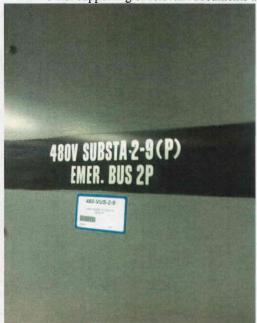
Equipment ID No. 480VUS-2-9

Equip. Class 2. Low Voltage Switchgear

Equipment Description

480V Substation 2-9 BUS 2P

Other supporting or relevant documents and photos (if any):



File Name: 480VUS-2-9(1).jpg Description: Component Plate ID



File Name: 480VUS-2-9(2).jpg

Description: General View of Component



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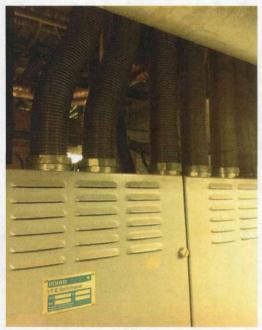
Seismic Walkdown Checklist (SWC)

Equipment ID No. 480VUS-2-9

Equip. Class 2. Low Voltage Switchgear

Equipment Description

480V Substation 2-9 BUS 2P



File Name: 480VUS-2-9(3).jpg
Description: View of Flexible Top Conduit



Seismic Walkdown	ı Checklist	(SWC)			Status:	Y	N	Ū
Equipment ID No.	4KVS-2A	AE	Equip. Class 3. M	Medium Voltag	e Switchgear			
Equipment Descript	tion	4160V Emergency	BUS					
Location: Bldg.	SRVB	Floor El.	730	Room	Emerg SW	GR AE		
Manufacturer, Mode	el, Etc.							
Instructions for Co This checklist may l SWEL. The space b findings. Additional	be used to delow each	locument the results of the following que	stions may be used	to record the re-	sults of judgm	ent on the lents and		
Anchorage						.	•	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?					Y	X		
19 section switchged section is welded to								
2. Is the anchorage f	free of bent	, broken, missing or	loose hardware?		Y	N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface						N	U	N/A
					Y	N	U	N/A
I. Is the anchorage f	ree of visib	le cracks in the con-	s in the concrete near the anchors?		X		· 	
	ion only ap	on consistent with pl plies if the item is or iration verification i	ne of the 50% for		Y	N	U	N/A X
 Based on the above potentially advers 			anchorage free of		Y	N	U]



Seismic Walkdo	own Checklist (SWC)			Status:	Ø	N	U
Equipment ID No. 4KVS-2AE Equip. Class 3. Medium Voltage Switchgean							
Equipment Description 4160V Emergency BUS							
Interaction Effe	ects					-	
7. Are soft targets free from impact by nearby equipment or structures? $\frac{Y}{X}$						U	N/A
and masonry bl		vstems, ceiling tiles and lighting allapse onto the equipment?	,	Y X	N	U	N/A
9. Do attached lines have adequate flexibility to avoid damage? Attached top conduit is adequately flexible.					N	U	N/A
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?					N	U	
Other Adverse (Y	N	- U			
Comments (Add	itional pages may be add	ed as necessary)				-	
	= Hillson	L					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012	-		
	Brian A. Lucarelli Da			10/10/2	2012	_	



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 4KVS-2AE

Equip. Class 3. Medium Voltage Switchgear

Equipment Description

4160V Emergency BUS

Other supporting or relevant documents and photos (if any):



File Name: 4KVS-2AE(1).jpg Description: Component Plate ID



File Name: 4KVS-2AE(2).jpg

Description: General View of Component



Y

N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. 4KVS-2AE

Equip. Class 3. Medium Voltage Switchgear

Equipment Description

4160V Emergency BUS



File Name: 4KVS-2AE(3).jpg
Description: View of Flexible Top Conduit



File Name: 2-61-11-2-26.jpeg

Description: View of Opened Compartment



Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 4KVS-2AE

Equip. Class 3. Medium Voltage Switchgear

Equipment Description

4160V Emergency BUS



File Name: 2-62-11-2-26.jpeg
Description: View of Interior Base



File Name: 2-63-11-2-26.jpeg Description: View of Interior Base



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 4KVS-2AE

Equip. Class 3. Medium Voltage Switchgear

Equipment Description

4160V Emergency BUS



File Name: 2-64-11-2-26.jpeg
Description: View of Welded Corners



File Name: 2-73-11-2-26.jpeg

Description: View of Door-Mounted Components



Y

N

U

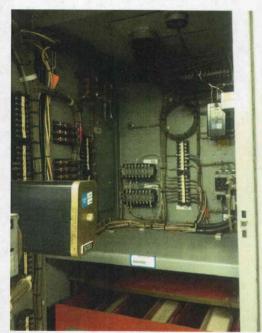
Seismic Walkdown Checklist (SWC)

Equipment ID No. 4KVS-2AE

Equip. Class 3. Medium Voltage Switchgear

Equipment Description

4160V Emergency BUS



File Name: 2-94-11-2-26.jpeg

Description: View of Interior Components



Seismic Walkdown	ı Checklis	t (SWC)			Status:	\bigcirc	N	U
				N. F	0 41			
Equipment ID No.	4KVS-2	<u>Dr</u>	Equip. Class 3.	Medium Voltage	Switchgear			
Equipment Descript	tion	4160V Emergency	BUS					_
Location: Bldg.	SRVB	_ Floor El.	730	Room	Emerg SW	GR DF		
Manufacturer, Mode	el, Etc.							
SWEL. The space b	be used to elow each	Checklist document the results of the following ques	stions may be used	to record the res	ults of judgm	nt on the ents and		
Anchorage					V	NI		
		on verification requir requiring such verific		one	Y	X		
1.5"long welds. Con	mponent w	ection is welded to en as protected at time o ponent is not part of S	of walkdown and c	ould not be open		r		
					Y	N	U	N/A
2. Is the anchorage f	free of ben	t, broken, missing or	loose hardware?		X			
								27//
	free of con	osion that is more that	n mild surface		Y	N	U	N/A
oxidation?								
					Y	N	U	N/A
4. Is the anchorage f	free of visi	ble cracks in the conc	rete near the ancho	ors?	X			
					Y	N	U	N/A
_	-	on consistent with pla		?				X
		oplies if the item is on guration verification is						
	_				Y	N	U	1
6. Based on the above potentially advers		ge evaluations, is the conditions?	anchorage free of		X			



Seismic Walkdo	wn Checklist (SWC)			Status:	\bigcirc	N	U
Equipment ID No	o. <u>4KVS-2DF</u>	Equip. Class 3. Medi	um Voltage	Switchgear			
Equipment Descr	ription 4160V Emerg	gency BUS					
Interaction Effe	cts				NI	-	27/4
7. Are soft targets	s free from impact by nearby	equipment or structures?		X	N	U	N/A
0 A		one of the call of the Labor.		Y	N	U	N/A
and masonry bl	equipment, distribution system ock walls not likely to colland contract and HVAC are adequated as a second are a			X			
9. Do attached lir	nes have adequate flexibility	to avoid damage?		Y	N	U_	N/A
Attached top cond	duit is adequately flexible.			Y	N	U	
	above seismic interaction evadverse seismic interaction of			X			
Other Adverse (Conditions			W		-	
	ked for and found no other s ct the safety functions of the			Y X	N	U	
Comments (Add	itional pages may be added	as necessary)				-	
	- Heil Shi	Q					
Evaluated by:	Eddie M. Guerra		Date:	10/10/2	2012	-	
	Sout for	<u>//</u> .					
	Brian A. Lucarelli		Date:	10/10/3	2012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 4KVS-2DF

Equip. Class 3. Medium Voltage Switchgear

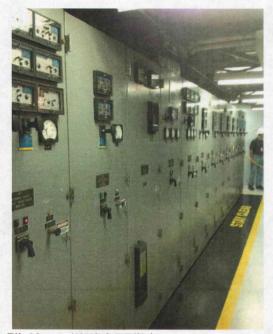
Equipment Description

4160V Emergency BUS

Other supporting or relevant documents and photos (if any):



File Name: 4KVS-2-DF(1).jpg Description: Component Plate ID



File Name: 4KVS-2-DF(2).jpg



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Seismic Walkdown Checklist (SWC)

Equipment ID No. 4KVS-2DF

Equip. Class 3. Medium Voltage Switchgear

Equipment Description

4160V Emergency BUS



File Name: 4KVS-2-DF(3).jpg
Description: View of Flexible Top Conduit

 \bigcirc

Status:

N



Seismic Walkdown Checklist (SWC)				
Equipment ID No. 52_BYA Equip. Class 2. Low Voltage	Switchgear			
Equipment Description Unit 2 - Reactor Trip Bypass Breaker A				
Location: Bldg. MSCV Floor El. 755 Room	m <u>CV&RC</u>	Area-Reac	-2T-SWGR	
Manufacturer, Model, Etc.			_	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of at SWEL. The space below each of the following questions may be used to record the findings. Additional space is provided at the end of this checklist for documenting	e results of jud	gments and	,	
Anchorage 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y	N X]	
of the 50% of SWEL items requiring such verification)? One cubicle in a 2 section switchgear.				
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y X	N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Y	N	U	N/A
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y	N	U	N/A
	Y	N	U	N/A
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)				<u>X</u>
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y X	N	U	



Seismic Walkdo	own Check	list (SWC)			Status:	Ŷ	N	U
Equipment ID N	o. <u>52 BY</u>	'A	Equip. Class 2. Lo	ow Voltage Sv	vitchgear			
Equipment Descri	ription	Unit 2 - Reacto	or Trip Bypass Breaker A					
Interaction Effe	ects						-	
		impact by nearby of adjacent control co	equipment or structures? abinet.		Y	N	U	N/A
			ns, ceiling tiles and lighting the onto the equipment?	ng,	Y	N	U	N/A
9. Do attached lin	nes have ad	equate flexibility to	o avoid damage?		Y	N	U	N/A
		nic interaction eval	luations, is equipment fre fects?	e	Y	N	U	
Other Adverse (ked for and	found no other sei	smic conditions that coulquipment?	d	Y	N	U]	
Comments (Add	itional page	es may be added as	necessary)				-	
		His U.Sm. J	C					
Evaluated by:	Eddie M	M. Guerra	/ /.	Date:	10/10/2	012		
	Brian A	. Lucarelli	•	Date:	10/10/2	012		



Seismic Walkdown Checklist (SWC)

Equipment ID No. 52_BYA

Equip. Class 2. Low Voltage Switchgear

Equipment Description

Unit 2 - Reactor Trip Bypass Breaker A

Other supporting or relevant documents and photos (if any):



File Name: 2-61-1-2-15.jpeg
Description: Component Plate ID



File Name: 2-62-1-2-15.jpeg

(Y)

Status:



Seismic Walkdown Checklist (SWC)

Equip. Class 2. Low Voltage Switchgear

Equipment Description

Equipment ID No. 52 BYA

Unit 2 - Reactor Trip Bypass Breaker A



File Name: 2-73-1-2-15.jpeg
Description: View of Flexible Top Lines



File Name: 2-94-1-2-15.jpeg

Description: Adjacent Cabinets Bolted Together



	Status:	\bigcirc	N	U
Seismic Walkdown Checklist (SWC)				
Equipment ID No. 52_RTA Equip. Class 2. Low Voltage	e Switchgear			
Equipment Description Unit 2 - Reactor Trip Bypass Breaker A				
Location: Bldg. MSCV Floor El. 755 Roo	om <u>CV&RC A</u>	rea-Reac-	-2T-SWG	R
Manufacturer, Model, Etc.				
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of a SWEL. The space below each of the following questions may be used to record the findings. Additional space is provided at the end of this checklist for documenting	ne results of judgm		-	
Anchorage	••	27		
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? One cubicle in a 2 section switchgear.	Y	X	,	
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y	N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface	Y	N	U	N/A
oxidation?				
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y	N	U	N/A
		NI	11	NT/A
5. Is the anchorage configuration consistent with plant documentation?	Y	N	U	N/A X
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)				
6. Based on the above anchorage evaluations, is the anchorage free of	Y	N	U	
potentially adverse seismic conditions?			لــــــا	



Seismic Walkdov	n Checklist (SV	VC)		Status:	\bigcirc	N	U
Equipment ID No		Equip. Class 2. Low	Voltage Sw	vitchgear			
Equipment Descri	ption <u>Un</u>	it 2 - Reactor Trip Bypass Breaker A			····		
Interaction Effec	ts			V	N	- T T	NI/A
7. Are soft targets Switchgear is top		by nearby equipment or structures? nt control cabinet.		X	N	U	N/A
		ution systems, ceiling tiles and lighting, ly to collapse onto the equipment?		Y	N	U	N/A
9. Do attached lin	es have adequate	flexibility to avoid damage?		Y	N	U	N/A
	·			Y	N	U	1
		eraction evaluations, is equipment free atteraction effects?					
	ed for and found	no other seismic conditions that could ions of the equipment?		Y	N	U]
Comments (Addi	tional pages may	be added as necessary)				-	
	- Ha	UShn a L					
Evaluated by:	Eddie M. Gue	erra 11 11:	Date:	10/10/2	2012	-	
	Brian A. Luc	arelli	Date:	10/10/2	2012		



Seismic Walkdown Checklist (SWC)

Equipment ID No. 52_RTA

Equip. Class 2. Low Voltage Switchgear

Equipment Description

Unit 2 - Reactor Trip Bypass Breaker A

Other supporting or relevant documents and photos (if any):



File Name: 2-61-2-2-15.jpeg Description: Component Plate ID



File Name: 2-62-2-15.jpeg



Y

N

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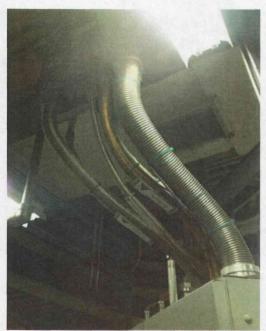
Seismic Walkdown Checklist (SWC)

Equipment ID No. 52_RTA

Equip. Class 2. Low Voltage Switchgear

Equipment Description

Unit 2 - Reactor Trip Bypass Breaker A



File Name: 2-63-2-2-15.jpeg

Description: View of Flexible Top Lines



Seismic Walkdowi	n Checklis	t (SWC)					Status:	\bigcirc	N	U
Equipment ID No.	BAT-2-1	(5110)		Equip. Clas	s 15. Batter	v Racks				
Equipment Descript	tion	Control Stora	ge Ba	ttery		-		_		_
Location: Bldg.	SRVB	Floor	El.	730	_	Room	Battery Ro	om 2-1		
Manufacturer, Mode	el, Etc.									
Instructions for Co This checklist may I SWEL. The space b findings. Additional	be used to elow each	document the roof the following	g ques	stions may be	used to reco	rd the res	ults of judgn	nents and		
Anchorage							77	27		
1. Is the anchorage	configurati	on verification	requir	ed (i.e., is the	item one		$\begin{array}{ c c }\hline X \\\hline \end{array}$	N	7	
of the 50% of SW	/EL items	requiring such	verific	ation)?					J	
Two double row, sir of racks are welded						s. Bases				
							Y	N	U	N/A
2. Is the anchorage t	free of ben	t, broken, missi	ng or	loose hardwar	e?		X			
							Y	N	U	N/A
3. Is the anchorage for oxidation?	free of corr	osion that is m	ore tha	n mild surface	e		X			
4. Is the anchorage f	free of visil	ble cracks in th	e conc	rete near the a	inchors?		Y	N	U	N/A
		oracio in in	c come	rote ficul tire u	menors.				, l .	
5 Is the analysis		• • • •	1				Y	N	U	N/A
5. Is the anchorage of (Note: This quest which an anchor	ion only ap	plies if the iten	n is on	e of the 50%			X		1	
Drawing 2001.240-a per bay).					ed per frame	e (32"				
	_						Y	N	U	7
6. Based on the above potentially adver-			is the	anchorage fre	e of		X]



Seismic Walkdo	wn Checklist (SW	(C)		Status:	\bigcirc	N	U
Equipment ID No	o. <u>BAT-2-1</u>	Equip. Class 15. Batt	ery Racks				
Equipment Descr	ription <u>Con</u>	trol Storage Battery					
Interaction Effe	cts					-	
7. Are soft target	s free from impact	by nearby equipment or structures?		Y	N	U	N/A
	- "	tion systems, ceiling tiles and lighting, y to collapse onto the equipment?		Y	N	U	N/A
	nes have adequate f ive adequate flexibi	lexibility to avoid damage?		Y	N	U	N/A
of potentially	adverse seismic int	raction evaluations, is equipment free eraction effects? s and racks have end restraints for bate	eries.	Y	N	U]
	ked for and found	no other seismic conditions that could ons of the equipment?		Y	N	U U	l
Comments (Add	itional pages may l	pe added as necessary)				-	
	His	12hm Ll					
Evaluated by:	Eddie M. Guer	та / //	_Date:	10/10/2	2012	-	
	Brian A. Lucar	elli	Date:	10/10/2	2012		



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N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. BAT-2-1

Equip. Class 15. Battery Racks

Equipment Description

Control Storage Battery

Other supporting or relevant documents and photos (if any):



File Name: BAT-2-1(1).jpg
Description: General View of Component



File Name: BAT-2-1(2).jpg Description: View of Anchor Welds



Seismic Walkdown Checklist (SWC)

Equipment ID No. BAT-2-1

Equip. Class 15. Battery Racks

Equipment Description

Control Storage Battery



File Name: BAT-2-1(3).jpg
Description: View of Anchor Welds



File Name: BAT-2-1(4).jpg



Seismic Walkdown Check	dist (SWC)			Status:	W	N	U
Equipment ID No. BAT-	CHG2-1	Equip. Class 16. B	attery Charge	ers and Invert	ers		
Equipment Description	125 Volt DC Batter	y Charger 2-1					
Location: Bldg. SRVI	Floor El.	730	Room	Emerg SW	GR AE		
Manufacturer, Model, Etc.							
Instructions for Completi This checklist may be used SWEL. The space below ea findings. Additional space	to document the results ach of the following ques	stions may be used to	record the re	sults of judgn	nents and		
Anchorage				37	N		
1. Is the anchorage configure of the 50% of SWEL item.	ms requiring such verific	cation)?		Y	N X		
Component supported on to \sim 2.5" long fillet welds at fr anchored by \sim 1/2" diam and	ont corners and \sim 1"@3"	'o.c. in middle. Back					
2. Is the anchorage free of	bent, broken, missing or	loose hardware?		Y	N	U	N/A
3. Is the anchorage free of oxidation?	corrosion that is more th	an mild surface		Y X	N	U	N/A
4. Is the anchorage free of	visible cracks in the cond	crete near the anchors	?	Y	N	U_	N/A
5. Is the anchorage configu (Note: This question onl which an anchorage co	-	ne of the 50% for		Y	N	U	N/A X
6. Based on the above anch potentially adverse seisi	orage evaluations, is the	• '		Y X	N	U] .



Seismic Walkdo	wn Checklis	st (SWC)			Status:	Ø	N	U
Equipment ID No	o. <u>BAT-CI</u>	HG2-1	Equip. Class 16. B	attery Charge	ers and Inverte	rs		
Equipment Descr	ription	125 Volt DC	Battery Charger 2-1					
Interaction Effe	cts					,	•	
7. Are soft target	s free from in	mpact by nearby	equipment or structures?		Y	N	U	N/A
			ems, ceiling tiles and lightin pse onto the equipment?	g,	Y	N	U	N/A
9. Do attached lin Attached lines ha			to avoid damage?		Y	N	U	N/A
		ic interaction ex	valuations, is equipment free effects?	;	Y X	N	U	
	ked for and t	found no other s	seismic conditions that coule equipment?	d	Y X	N	- U	
Comments (Add	itional pages	may be added	as necessary)				-	
		this U.Sun	<u> </u>					
Evaluated by:	Eddie M	. Guerra		Date:	10/10/2	2012	-	
	Brian A.	Lucarelli	, -	Date:	10/10/2	2012		•



Seismic Walkdown Checklist (SWC)

Equipment ID No. BAT-CHG2-1

Equip. Class 16. Battery Chargers and Inverters

Equipment Description

125 Volt DC Battery Charger 2-1

Other supporting or relevant documents and photos (if any):



File Name: BAT-CHG2-1(2).jpg Description: Component Plate ID



File Name: BAT-CHG2-1(3).jpg
Description: General View of Component



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Seismic Walkdown Checklist (SWC)

Equipment ID No. BAT-CHG2-1

Equip. Class 16. Battery Chargers and Inverters

Equipment Description

125 Volt DC Battery Charger 2-1



File Name: BAT-CHG2-1(1).jpg

Description: View of Anchor Bolts in Rear of Component



File Name: BAT-CHG2-1(4).jpg

Description: View of Welded Channel at Front of Component



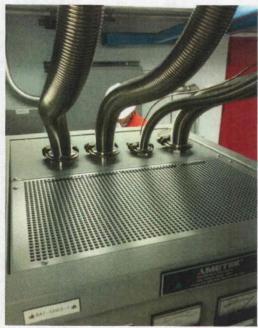
Seismic Walkdown Checklist (SWC)

Equipment ID No. BAT-CHG2-1

Equip. Class 16. Battery Chargers and Inverters

Equipment Description

125 Volt DC Battery Charger 2-1



File Name: BAT-CHG2-1(5).jpg
Description: View of Flexible Top Lines



File Name: BAT-CHG2-1(6).jpg

Description: Adjacent Cabinets Bolted Together



Seismic Walkdown	down Checklist (SWC)			Status:	(A)	N	U	
Equipment ID No.	BAT-CHG	2-3	Equip. Class 16.	Battery Charger	rs and Inverte	rs		
Equipment Descrip	tion <u>l</u>	Battery Charger No	. 3					-
Location: Bldg.	SRVB	Floor El.	730	Room	Emerg SW	GR AE		
Manufacturer, Mod	lel, Etc.							
SWEL. The space b	be used to do below each of	cument the results the following ques	of the Seismic Walk stions may be used t this checklist for do	o record the res	ults of judgm			
Anchorage					Y	N	ı	
of the 50% of SV	VEL items re orted on two	quiring such verific	ed (i.e., is the item of ation)? Each channel is an			X		
2. Is the anchorage	free of bent,	broken, missing or	loose hardware?		Y	N	U	N/A
3. Is the anchorage oxidation?	free of corros	sion that is more tha	an mild surface		Y	N	U	N/A
4. Is the anchorage	free of visibl	e cracks in the cond	crete near the anchor	rs?	Y	N	U	N/A
5. Is the anchorage					Y	N	U	N/A X
· · · · · · · · · · · · · · · · · · ·		lies if the item is or ration verification i				N 7		
6. Based on the abo			anchorage free of		Y	N	U_]



	61 11 (617)			Status:	\bigcirc	N	U
Seismic Walkdo	wn Checklist (SWC)						
Equipment ID No	b. BAT-CHG2-3 E	quip. Class 16. Battery	Charger	s and Inverte	rs		
Equipment Descr	Battery Charger No. 3						-
Interaction Effe	cts					***	27/4
7. Are soft target	s free from impact by nearby equipme	nt or structures?		X	N	U	N/A
Q. Ama arrambaad		a diamand Babdaa		Y	N	U	N/A
	equipment, distribution systems, ceilin ock walls not likely to collapse onto the			<u> </u>		<u> </u>	
Do attached liv	nes have adequate flexibility to avoid o	Jamaga?		Y	N	U	N/A
	ry conduit found with adequate flexibil			_ A			
10. Based on the	above seismic interaction evaluations,	is equipment free		Y X	N	U	
of potentially	adverse seismic interaction effects?						
Other Adverse (Conditions		·				
	ked for and found no other seismic co ct the safety functions of the equipmen			Y X	N	U	
Comments (Add	itional pages may be added as necessa	rv)				-	
(onar pugee may ee aaaea as neecssa	•3)					
	The Man &						
Evaluated by:	Eddie M. Guerra	I	Date:	10/10/2	2012	-	
	Em A full.						
	Brian A. Lucarelli	I	Date:	10/10/2	2012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. BAT-CHG2-3

Equip. Class 16. Battery Chargers and Inverters

Equipment Description

Battery Charger No. 3

Other supporting or relevant documents and photos (if any):



File Name: BAT-CHG2-3(1).jpg Description: Component Plate ID



File Name: BAT-CHG2-3(2).jpg
Description: General View of Component



Y

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Seismic Walkdown Checklist (SWC)

Equipment ID No. BAT-CHG2-3

Equip. Class 16. Battery Chargers and Inverters

Equipment Description

Battery Charger No. 3



File Name: BAT-CHG2-3(3).jpg Description: View of Anchorage



File Name: BAT-CHG2-3(4).jpg

Description: View of Anchor Bolts on Channel



Seismic Walkdown Checklist (SWC)		Status:	\bigcirc	N	U
Equipment ID No. DC-SWBD2-1 Equip. Class 2. Low Vo	ltage Sw	ritchgear			
Equip. Class 2. 2011 10					
Equipment Description 125VDC SWBD2-1					
Location: Bldg. SRVB Floor El. 730	Room	Emerg SW	GR AE		
Manufacturer, Model, Etc.					
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown SWEL. The space below each of the following questions may be used to recorfindings. Additional space is provided at the end of this checklist for document	d the res	sults of judgm			
Anchorage		V	N		
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?		Y	<u>N_</u>		
Panel is bolted to two inverted channels with 4-1/2"diameter machine bolts. It channel is welded to floor embeds along both flanges with minimum of \sim 30" of					
2. Is the anchorage free of bent, broken, missing or loose hardware?		Y X	N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface		Y	N	U	N/A
oxidation?					
4. Is the anchorage free of visible cracks in the concrete near the anchors?		Y	N	<u>U</u>	N/A
4. Is the anchorage free of visible cracks in the concrete fical the anchors:					
		Y	N	U	N/A
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Drawing 2001.260-350-030F shows 3" of 1/4" welds at 12" spacing along each two flanges of each channel. The design required weld is less than provided if field and therefore the as-installed configuration is adequate.		X			
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?		Y	N	U]



Seismic Walkdow	vn Checklist (SWC)			Status:	(V)	N	U
Equipment ID No.	DC-SWBD2-1	Equip. Class 2. Low V	oltage Swi	tchgear			
Equipment Descri	ption 125VDC SW	BD2-1					
Interaction Effec	ts			Y	N	U	N/A
_	- ·	y equipment or structures? Exture judged not significant sin	ce panel	X			
	quipment, distribution syst	ems, ceiling tiles and lighting, pse onto the equipment?		Y	N	U	N/A
	es have adequate flexibility huit is adequately flexible.	to avoid damage?		Y	N	U	N/A
	above seismic interaction e dverse seismic interaction	valuations, is equipment free effects?		Y	N	U	
		seismic conditions that could e equipment?		Y	N	- U	
Comments (Addi	tional pages may be added	as necessary)				-	
	= Hillen	<u>R</u>					
Evaluated by:	Eddie M. Guerra	//·	_Date:	10/10/2	2012	-	
	Brian A. Lucarelli	U	Date:	10/10/	2012	_	



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Seismic Walkdown Checklist (SWC)

Equipment ID No. DC-SWBD2-1

Equip. Class 2. Low Voltage Switchgear

Equipment Description

125VDC SWBD2-1

Other supporting or relevant documents and photos (if any):



File Name: DC-SWBD2-1(1).jpg Description: Component Plate ID



File Name: DC-SWBD2-1(2).jpg
Description: General View of Component



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Seismic Walkdown Checklist (SWC)

Equipment ID No. DC-SWBD2-1

Equip. Class 2. Low Voltage Switchgear

Equipment Description

125VDC SWBD2-1



File Name: DC-SWBD2-1(3).jpg Description: View of Anchorage



File Name: 2-63-10-2-26.jpeg
Description: View of Opened Cabinet



Seismic Walkdown Checklist (SWC)		Status:	(N	U
Equipment ID No. MCC-2-E01 Equip. Class 1. Motor Co	ontrol C	enter			
Equipment Description 480VAC Motor Control Center					
Location: Bldg. INTS Floor El. 705 H	Room	Intake Cubi	cle D		
Manufacturer, Model, Etc.					
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to reconfindings. Additional space is provided at the end of this checklist for document	d the res	sults of judgm		-	
Anchorage					
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?		Y	N]	
5 section MCC. Each section welded to embed steel at each of its four corners \sim 2.25" of 1/4" welds for a total of 25" of weld and front and 25" of weld at the					
2. Is the anchorage free of bent, broken, missing or loose hardware?		Y	N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface		Y	N	U	N/A
oxidation?					
4. Is the anchorage free of visible cracks in the concrete near the anchors?		Y	N	U	N/A
		Y	N	U	N/A
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)		X	IN		IV/A
Calculation NM(B)-468-CZC confirms anchorage configuration as 12-3" long at corners of MCC sections for a total of 18" of fillet welds at front and 18" of at the back of the MCC. The welds are specified to be placed at each corner of section. The requred welds per the referenced calc is 36" vs. 50" observed durwalkdown. The configuration is adequate.	f welds f MCC				
6. Based on the above anchorage evaluations, is the anchorage free of		Y	N	U	1
potentially adverse seismic conditions?					



Seismic Walkdov	wn Checklist (SWC)		Status:	W	N	U
Equipment ID No	o. MCC-2-E01 Equip. Class 1. Moto	or Control C	Center			
Equipment Descr	iption 480VAC Motor Control Center					
Interaction Effec	ets				-	37/4
7. Are soft targets	s free from impact by nearby equipment or structures?		Y	N	U	N/A
			Y	N	U	N/A
and masonry blo	equipment, distribution systems, ceiling tiles and lighting, ock walls not likely to collapse onto the equipment? the atter is adequately supported. Flourescent lights are supported apable of swinging, but will not interact with the MCC.		X			
	nes have adequate flexibility to avoid damage? t is adequately flexible.		Y	N	U	N/A
	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?		Y	N	U	
	Conditions ked for and found no other seismic conditions that could ct the safety functions of the equipment?		Y X	N	- U	
Comments (Add	itional pages may be added as necessary)		<u> </u>		-	
	= this M. Show LO					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012		
	Sout fell.					
	Brian A. Lucarelli	Date:	10/10/2	2012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E01

Equip. Class 1. Motor Control Center

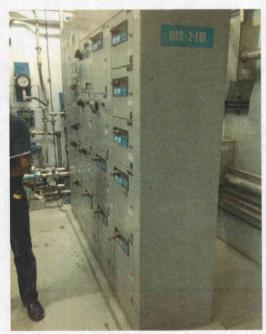
Equipment Description

480VAC Motor Control Center

Other supporting or relevant documents and photos (if any):



File Name: MCC-2-E01(1).jpg Description: Component Plate ID



File Name: MCC-2-E01(2).jpg



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Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E01

Equip. Class 1. Motor Control Center

Equipment Description

480VAC Motor Control Center



File Name: MCC-2-E01(3).jpg
Description: View of Anchor Welds



File Name: MCC-2-E01(4).jpg

Description: View of Flexible Top Lines

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N

Status:



Seismic Walkdowr	Checklist	(SWC)						
Equipment ID No.	MCC-2-E	03	Equip. Class 1.	Motor Control C	enter			
Equipment Descript	tion	480V Motor Contro	ol Center For 2E3					
Location: Bldg.	AXLB	Floor El.	755	Room	AXLB 755	5-MCC Ro	om	
Manufacturer, Mod	el, Etc.							
SWEL. The space b	be used to do	Checklist locument the results of the following questood at the end of	stions may be used	d to record the re	sults of judgr	nents and		
Anchorage					Y	N		
of the 50% of SV	VEL items r	on verification requirequiring such verific	cation)?			X		
continuously conne of \sim 4" of 1/4" weld	cted at the t per section	ch. These two rows of the first 3 sections at front and back. Note that the first are the first that the first that the first are the first that the first t	are stitch welded Vext 3 sections ha	with an average				
2. Is the anchorage	free of bent	, broken, missing or	loose hardware?		Y	N	U	N/A
3. Is the anchorage oxidation?	free of corr	osion that is more th	an mild surface		Y X	N	U	N/A
4. Is the anchorage	free of visil	ole cracks in the con-	crete near the anc	hors?	Y X	N	U	N/A
5. Is the anchorage	configuration	on consistent with pl	lant documentatio	n?	Y	N_	U	N/A X
(Note: This ques	tion only ap	oplies if the item is o uration verification	ne of the 50% for					
6. Based on the about potentially adve		ge evaluations, is the conditions?	e anchorage free o	ıf	Y X	N	U	



Seismic Walkdow	n Checklist (SWC)		Status:	\bigcirc	N	U
Equipment ID No.		ontrol Cente	er			
Equipment Descrip	otion 480V Motor Control Center For 2E3					
Interaction Effect	is		V	N	ĪĪ	NI/A
	free from impact by nearby equipment or structures? nnection of adjacent cabinets.		Y	N	U	N/A
	quipment, distribution systems, ceiling tiles and lighting,		Y	N	U	N/A
and masonry blo	ck walls not likely to collapse onto the equipment?					27/4
	es have adequate flexibility to avoid damage? uit found with adequate flexibility.		X	N	U	N/A
10. Based on the a	bove seismic interaction evaluations, is equipment free		Y X	N	U	
of potentially a	dverse seismic interaction effects?					
	ed for and found no other seismic conditions that could the safety functions of the equipment?		Y X	N	U_	
	ional pages may be added as necessary)	<u> </u>				
	= the Mhm fl					
Evaluated by:	Eddie M. Guerra I	Date:	10/10/2	2012		
	Brian A. Lucarelli	Date:	10/10/2	2012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E03

Equip. Class 1. Motor Control Center

Equipment Description

480V Motor Control Center For 2E3

Other supporting or relevant documents and photos (if any):



File Name: 2-61-3-2-04.jpeg
Description: Component Plate ID



File Name: 2-62-3-2-04.jpeg



Y

N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E03

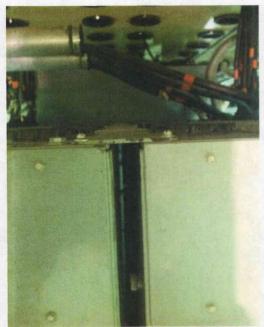
Equip. Class 1. Motor Control Center

Equipment Description

480V Motor Control Center For 2E3



File Name: 2-63-3-2-04.jpeg
Description: General View of Component



File Name: 2-64-3-2-04.jpeg

Description: Adjacent Cabinets Bolted Together

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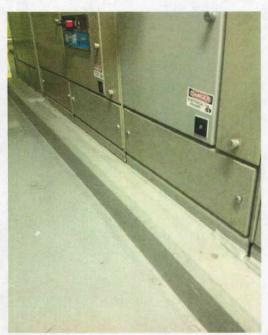
Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E03

Equip. Class 1. Motor Control Center

Equipment Description

480V Motor Control Center For 2E3



File Name: 2-95-3-2-04.jpeg

Description: View of Weld Configuration on Left Side



File Name: 2-96-3-2-04.jpeg Description: Flexible top lines



Y

N

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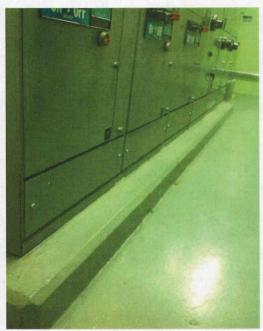
Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E03

Equip. Class 1. Motor Control Center

Equipment Description

480V Motor Control Center For 2E3



File Name: 2-97-3-2-04.jpeg

Description: View of Weld Configuration on Right Side



Seismic Walkdow	n Checklist (SWC	C)			Status:	(X)	N	U
Equipment ID No.	MCC-2-E05		Equip. Class 1. M	lotor Control C	enter			
Equipment Descrip	otion 480 V	AC Motor Co	ontrol Center					
Location: Bldg.	MSCV	Floor El.	735	Room	MSCV Wes	st		
Manufacturer, Mod	del, Etc.							
Instructions for C This checklist may SWEL. The space I findings. Additional	be used to docum below each of the	ent the results following ques		to record the res	sults of judgm			
Anchorage					Y	N		
1. Is the anchorage				one		X		
of the 50% of SV 13 section MCC is weld per section at		d back to floor	r embed with an ave	erage of 4.5"of				
					Y	N	U	N/A
2. Is the anchorage	free of bent, broke	en, missing or	loose hardware?		X	· · ·		
3 Is the anchorage	free of correction	that is more th	on mild surface		Y	N	U	N/A
oxidation?	nee of corrosion	n that is more than mild surface			A			1
					Y	N	U	N/A
4. Is the anchorage	free of visible cra	cks in the cond	crete near the ancho	rs?	X			
					Y	N	U	N/A
	configuration con stion only applies i orage configuration	f the item is or	ne of the 50% for					<u> X</u>
6. Based on the aboreotentially adve	ove anchorage eva		anchorage free of		Y	N	U]

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Status:



Seismic Walkdov	n Checklist (SWC)					
Equipment ID No	MCC-2-E05 Equip. Class 1. Motor	Control Co	enter			
Equipment Descri	otion 480 VAC Motor Control Center					
Interaction Effec	s			2.7	•	27/4
7	C C : (1 1 1in		Y	N	U	N/A
7. Are soft targets	free from impact by nearby equipment or structures?					
~3/4"gap between	back of MCC and rigidly supported cable tray is judged a	dequate.				
			Y	N	U	N/A
8. Are overhead e	uipment, distribution systems, ceiling tiles and lighting,		X			
	ck walls not likely to collapse onto the equipment?					
			Y	N	U	N/A
9. Do attached lin	es have adequate flexibility to avoid damage?		X			
	conduit found with adequate flexibility.					
			Y	N	U	
10. Based on the a	bove seismic interaction evaluations, is equipment free		X]
of potentially a	dverse seismic interaction effects?					
Other Adverse C	onditions	· · ·			-	
	ed for and found no other seismic conditions that could		Y	N	U	1
adversely affect	t the safety functions of the equipment?		X			J
Comments (Addi	tional pages may be added as necessary)			_	-	
	- Heil Grand C					
Evaluated by:	Eddie M. Guerra	_Date:	10/10	/2012	_	
	Ent fell.					
	Brian A. Lucarelli	_Date:	10/10	0/2012	_	

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Status:



Seismic Walkdown Checklist (SWC)

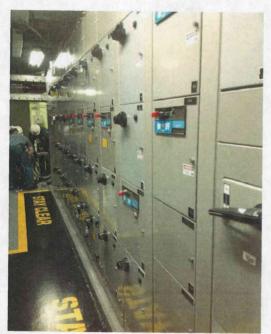
Equipment ID No. MCC-2-E05 Equip. Class 1. Motor Control Center

Equipment Description 480 VAC Motor Control Center

Other supporting or relevant documents and photos (if any):



File Name: 2-61-1-2-13.jpeg
Description: Component Plate ID



File Name: 2-62-1-2-13.jpeg



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Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E05

Equip. Class 1. Motor Control Center

Equipment Description

480 VAC Motor Control Center



File Name: 2-63-1-2-13.jpeg Description: View of Front Anchorage



File Name: 2-64-1-2-13.jpeg

Description: View of Back Anchorage



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Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E05

Equip. Class 1. Motor Control Center

Equipment Description

480 VAC Motor Control Center



File Name: 2-73-1-2-13.jpeg
Description: View of Flexible Top Conduit



File Name: 2-94-1-2-13.jpeg

Description: Space Between MCC and Cable Tray Support



Seismic Walkdown Checklist (S	WC)			Status:	\odot	N	U
Equipment ID No. MCC-2-E07		Equip. Class 1. Motor	Control Co	enter			
Equipment Description M	otor Control Cente	er					
Location: Bldg. DGBX	Floor El.	732	Room	EDG 2-1			
Manufacturer, Model, Etc.			_				
Instructions for Completing Charles checklist may be used to doc SWEL. The space below each of the findings. Additional space is proving the space of the space o	ument the results on the following quest	tions may be used to rec	ord the res	ults of judgm			
Anchorage	chorage						
1. Is the anchorage configuration of the 50% of SWEL items required to section MCC. Each section well ~3" of 1/4" welds.	uiring such verifica	ation)?	ers with	Y	N		
·				Y	N	U	N/A
2. Is the anchorage free of bent, be	roken, missing or l	oose hardware?		X			
				v	N	11	N/A
3. Is the anchorage free of corrosion oxidation?	on that is more tha	n mild surface		Y	N	U	N/A
Oxidation.							
4. Is the anchorage free of visible	cracks in the conc	rete near the anchors?		Y	N	U	N/A
5. Is the anchorage configuration	consistent with pla	ant documentation?		Y	N	U	N/A
(Note: This question only appli which an anchorage configura Calculation 12241-NM(B)-468-C. eight 3" long fillet welds at both fit to be placed at each corner of MC referenced calculation is 48" vs. ~ is adequate.	es if the item is on- tion verification is ZC confirms ancho- ront and back of the CC sections. The re-	e of the 50% for required.) prage configuration as to the MCC. The welds are equired weld length per	specified the				
C Possil and a large				Y	N	U	1
6. Based on the above anchorage optentially adverse seismic cor		anchorage free of		X		L	

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Status:

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Seismic Walkdov	wn Checklist (SWC)					
Equipment ID No	b. MCC-2-E07 Equip. Class	1. Motor Control Co	enter			
Equipment Descr	iption Motor Control Center					
Interaction Effec	ets					27/1
7. Are soft targets	s free from impact by nearby equipment or structu	res?	Y X	N	U	N/A
0.4 1.1			Y	N	U	N/A
and masonry bl	equipment, distribution systems, ceiling tiles and lictory walls not likely to collapse onto the equipment of MCC and wall judged to be adequate to prevent it.	it?	X		<u> </u>	
9. Do attached lin	nes have adequate flexibility to avoid damage?		Y	N	U_	N/A
Attached top cond	duit found with adequate flexibility.		V	N	U	
	above seismic interaction evaluations, is equipment adverse seismic interaction effects?	nt free	X	N		
Other Adverse C	Conditions ked for and found no other seismic conditions that	t could	Y	N	- U	
-	ct the safety functions of the equipment?	Codic	X			
Comments (Add	itional pages may be added as necessary)	NO. 10		-	-	
	= titis UGmafl					
Evaluated by:	Eddie M. Guerra	Date:	10/10	/2012	-	
	Sout fell.					
	Brian A. Lucarelli	Date:	10/10	/2012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E07

Equip. Class 1. Motor Control Center

Equipment Description

Motor Control Center

Other supporting or relevant documents and photos (if any):



File Name: MCC-2-E07(1).jpg Description: Component Plate ID



File Name: MCC-2-E07(2).jpg



Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E07

Equip. Class 1. Motor Control Center

Equipment Description

Motor Control Center



File Name: MCC-2-E07(3).jpg
Description: View of Anchor Welds



File Name: MCC-2-E07(4).jpg

Description: View of Flexible Top Lines



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Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E07

Equip. Class 1. Motor Control Center

Equipment Description

Motor Control Center



File Name: 2-61-6-2-08.jpeg Description: View of Open Cubicle



File Name: 2-62-6-2-08.jpeg Description: View of Internal Base



(Y)

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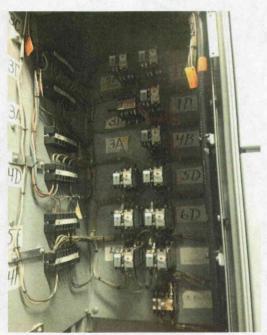
Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E07

Equip. Class 1. Motor Control Center

Equipment Description

Motor Control Center



File Name: 2-63-6-2-08.jpeg

Description: View of Mounting of Internal Components



	Status:	\bigcirc	N	U
Seismic Walkdown Checklist (SWC)				
Equipment ID No. MCC-2-E09 Equip. Class 1. Motor Control C	enter			,
Equipment Description 480 VAC Motor Control Center				
Location: Bldg. CNTB Floor El. 707 Room	Control BL	DG MCC		
Manufacturer, Model, Etc.				
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an ite. SWEL. The space below each of the following questions may be used to record the res findings. Additional space is provided at the end of this checklist for documenting other.	sults of judgm			
Anchorage	V	N		
 Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? bay MCC welded to W-beam on the floor. 	Y	X		
·	Y	N	U	N/A
2. Is the anchorage free of bent, broken, missing or loose hardware?	X			
	Y	N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	X			
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y	N	U	N/A
4. 13 the alteriorage free of visible cracks in the concrete hear the alteriors.				
	Y	N I	U	N/A
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)				X
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y X	N_	U]



Seismic Walkdo	wn Checklist (SWC)		Status:	\bigcirc	N	U
Equipment ID No	b. MCC-2-E09 Equip. Class	1. Motor Control Ce	enter			
Equipment Descr	iption 480 VAC Motor Control Center					
Interaction Effe	cts					
7. Are soft targets	s free from impact by nearby equipment or structu	res?	X	N	U	N/A
			Y	N	U_	N/A
	re overhead equipment, distribution systems, ceiling tiles and lighting, d masonry block walls not likely to collapse onto the equipment?				L	
0. D 4. 1. 11.			Y	N	U	N/A
	nes have adequate flexibility to avoid damage? duit found with adequate flexibility.		<u> </u>		<u></u>	<u></u>
10. Based on the	above seismic interaction evaluations, is equipmen	nt free	Y	N	U	
of potentially	adverse seismic interaction effects?					
Other Adverse (Conditions ked for and found no other seismic conditions that	aguld	Y	N	- U	
	ct the safety functions of the equipment?	Could	X	11		
Comments (Add	itional pages may be added as necessary)	<u></u>			-	
	- this M. June & C.					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012	-	
	Sout full.					
	Brian A. Lucarelli	Date:	10/10/2	2012		



Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E09

Equip. Class 1. Motor Control Center

Equipment Description

480 VAC Motor Control Center

Other supporting or relevant documents and photos (if any):



File Name: 2-61-1-2-06.jpeg
Description: Component Plate ID



File Name: 2-62-1-2-06.jpeg



Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E09

Equip. Class 1. Motor Control Center

Equipment Description

480 VAC Motor Control Center



File Name: 2-64-1-2-06.jpeg

Description: View of Flexible Top Conduit



File Name: 2-73-1-2-06.jpeg

Description: View of Welds at Component Base



(Y)

1

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E09

Equip. Class 1. Motor Control Center

Equipment Description

480 VAC Motor Control Center



File Name: 2-94-1-2-06.jpeg

Description: View of Welds at Component Base



File Name: 2-95-1-2-06.jpeg

Description: View of Welds at Component Base



Equipment ID No. MCC-2-E11	Seismic Walkdown Checklist	· (SWC)			Status:	Y	\mathbb{N}	U
Equipment Description 480 VAC Motor Control Center Location: Bldg. SFGB Floor El. 737 Room SFGD 737 Manufacturer, Model, Etc. Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments. Anchorage 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification? 1. Is the anchorage configuration verification required to embed steel at each of its four corners with ~2.25" of 1/4" weld for a total of 49.5" of weld at front and 49.5" of weld at the back. 2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N X I V N U N X N U N Y N U N X N U N X N U N X N U N Y N U N X N U N X N U N X N U N X N U N			Fauin Class 1 Mo	tor Control C	antar			
Anchorage 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 11. Is the anchorage free of bent, broken, missing or loose hardware? 2. Is the anchorage free of corrosion that is more than mild surface oxidation? 1. Is the anchorage free of corrosion that is more than mild surface oxidation?	Equipment ID No. <u>MCC-2-E</u>	<u> </u>	Equip. Class 1. Mo	tor Control C	enter			
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments. Anchorage 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 11 section MCC. Each section is welded to embed steel at each of its four corners with ~2.25" of 1/4" weld for a total of 49.5" of weld at front and 49.5" of weld at the back. 2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N 3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Equipment Description	480 VAC Motor Co	ntrol Center					
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments. Anchorage 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 11 section MCC. Each section is welded to embed steel at each of its four corners with ~2.25" of 1/4" weld for a total of 49.5" of weld at front and 49.5" of weld at the back. Y N U N 2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N X I N Y N U N Y N U N Y N U N Y N U N Y N U N	Location: Bldg. SFGB	Floor El.	737	Room	SFGD 737			
This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments. Anchorage 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 11 section MCC. Each section is welded to embed steel at each of its four corners with ~2.25" of 1/4" weld for a total of 49.5" of weld at front and 49.5" of weld at the back. 2. Is the anchorage free of bent, broken, missing or loose hardware? YNUN YNUN YNUN YNUN YNUN YNUN YNUN YNUN YNUN NUN NU	Manufacturer, Model, Etc.							
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 11 section MCC. Each section is welded to embed steel at each of its four corners with ~2.25" of 1/4" weld for a total of 49.5" of weld at front and 49.5" of weld at the back. 2. Is the anchorage free of bent, broken, missing or loose hardware? YN N U N YN U N 3. Is the anchorage free of corrosion that is more than mild surface oxidation?	This checklist may be used to o SWEL. The space below each	document the results of the following ques	tions may be used to	record the res	ults of judgm			
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 11 section MCC. Each section is welded to embed steel at each of its four corners with ~2.25" of 1/4" weld for a total of 49.5" of weld at front and 49.5" of weld at the back. 2. Is the anchorage free of bent, broken, missing or loose hardware? YNUN YNUN YNUN 3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Anchorage				v	N		
with ~2.25" of 1/4" weld for a total of 49.5" of weld at front and 49.5" of weld at the back. Y N U N 2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N Y N U N Y N U N		-		e		11]	
2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N	with ~2.25" of 1/4" weld for a							
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N X V N U N						N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N	2. Is the anchorage free of bent	t, broken, missing or l	loose hardware?		X			
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N								27/4
Y N U N	_	osion that is more tha	n mild surface			N	U	N/A
	oxidation?							
4. Is the anchorage free of visible cracks in the concrete near the anchors?						N_	U	N/A
	4. Is the anchorage free of visit	ble cracks in the conc	rete near the anchors	?	X		İ	
Y N U N					v	N	ΙŢ	N/A
5. Is the anchorage configuration consistent with plant documentation? Y N U N X	5. Is the anchorage configurati	on consistent with pla	ant documentation?			IN		IV/A
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)								
Calculation 12241-NM(B)-468-CZC confirms anchorage configuration as 24-3" long	Calculation 12241-NM(B)-468	3-CZC confirms anche	orage configuration a	_				
fillet welds at corners of MCC sections for a total of 36" of weld at front and 36" of weld at the back of the MCC. The required welds at each side of the MCC is 36" vs. the 49.5" observed during walkdown. The configuration is adequate.	weld at the back of the MCC.	The required welds a	t each side of the MC	-				
Y N U	3	, 3	•		v	N	ŢŢ	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?		_	anchorage free of			11	L	



Seismic Walkdov	wn Checklist (SWC)		Status:	Y	W	U
Equipment ID No	b. MCC-2-E11 Equip. Class 1. Moto	or Control C	enter			
Equipment Descri	iption 480 VAC Motor Control Center					
Interaction Effec	ets		37	N	.	NI/A
7. Are soft targets	s free from impact by nearby equipment or structures?		Y	N X	U	N/A
	equipment, distribution systems, ceiling tiles and lighting, ock walls not likely to collapse onto the equipment?	,	Y	N	U	N/A
9. Do attached lin	nes have adequate flexibility to avoid damage?		Y X	N	U	N/A
of potentially a 55 gallon drum in notified and subse	above seismic interaction evaluations, is equipment free adverse seismic interaction effects? In area observed unrestrained close to component. Mainto equent walkdown confirmed the drum was restrained. Clasted to document this condition. See AWC for Area SFG. (1) for Photos.	R-2012-	Y	N X	U	
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?			Y	N	U U	
Comments (Addi	itional pages may be added as necessary)				-	
	- the MShu LO					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012	-	
	Brian A. Lucarelli	Date:	10/10/2	2012		



N

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Seismic Walkdown Checklist (SWC)

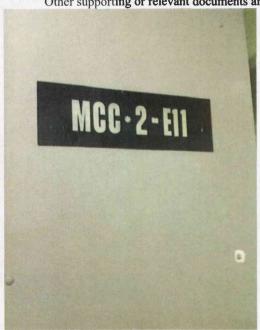
Equipment ID No. MCC-2-E11

Equip. Class 1. Motor Control Center

Equipment Description

480 VAC Motor Control Center

Other supporting or relevant documents and photos (if any):



File Name: 2-61-1-2-24.jpeg Description: Component Plate ID



File Name: 2-62-1-2-24.jpeg

U



Status: Y 🔊

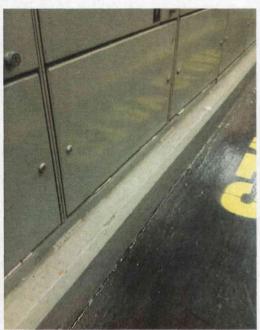
Seismic Walkdown Checklist (SWC)

Equipment ID No. MCC-2-E11

Equip. Class 1. Motor Control Center

Equipment Description

480 VAC Motor Control Center



File Name: 2-63-1-2-24.jpeg

Description: View of Component Anchorage



File Name: 2-64-1-2-24.jpeg

Description: View of Flexible Top Conduit



Seismic Walkdown	Checklist (SWC))			Status:	$\mathbf{\Omega}$	N	U
Equipment ID No.	PNL 2DIGEN-1	_	Equip. Class 20. Instru	ument and	Control Pane	ls		
Equipment Descript	ion <u>DG 2-</u>	1 Excitation P	anel					-
Location: Bldg.	DGBX	Floor El.	732	Room	EDG 2-1			
Manufacturer, Mode	el, Etc.			_				
SWEL. The space b	be used to docume elow each of the fo	nt the results on the ollowing quest	of the Seismic Walkdow tions may be used to rec his checklist for docume	ord the res	sults of judgm			
Anchorage					V	N		
			ed (i.e., is the item one		X	N		
	EL items requiring welded front and l	-	ation)? mbeds, 3" at 10" o.c.					
					Y	N	U_	N/A
2. Is the anchorage t	free of bent, broker	n, missing or le	oose hardware?		X			
					Y	N	U	N/A
3. Is the anchorage for oxidation?	free of corrosion th	at is more than	n mild surface		X			
					Y	N	U	N/A
4. Is the anchorage f	ree of visible cracl	ks in the concr	rete near the anchors?		X			
					Y	N	U	N/A
5. Is the anchorage of					X			
	ion only applies if							
			requirea.) rage configuration as fr	ont and				
6. Based on the above potentially adver-	ve anchorage evalu se seismic conditio		anchorage free of		Y	N	U	



Seismic Walkdo	wn Checklist (SWC)		Status:	Y	N	U
	p. PNL 2DIGEN-1 Equip. Class 20. Insti	rument and	Control Panel	ls		
Equipment Descr	ription DG 2-1 Excitation Panel					
Interaction Effe	cts				_	
7. Are soft targets	s free from impact by nearby equipment or structures?		Y	N	I	N/A
	equipment, distribution systems, ceiling tiles and lighting,		Y	N	U	N/A
and masonry bl	ock walls not likely to collapse onto the equipment?					
9. Do attached lin	nes have adequate flexibility to avoid damage?		Y	N	U	N/A
	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?		Y	N	U	
	Conditions ked for and found no other seismic conditions that could ct the safety functions of the equipment?		Y	Ŋ	- U	
Comments (Add	itional pages may be added as necessary)		- 110,		-	
	= this UGmaffe					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	012	-	
	Brian A. Lucarelli	Date:	10/10/2	012		



(1)

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL 2DIGEN-1

Equip. Class 20. Instrument and Control Panels

Equipment Description

DG 2-1 Excitation Panel

Other supporting or relevant documents and photos (if any):



File Name: 2-61-8-2-08.jpeg Description: Component Plate ID



File Name: 2-73-8-2-08.jpeg



(1)

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL 2DIGEN-1

Equip. Class 20. Instrument and Control Panels

Equipment Description

DG 2-1 Excitation Panel



File Name: 2-62-8-2-08.jpeg Description: View of Open Cubicle



File Name: 2-63-8-2-08.jpeg

Description: View of Internal Components



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N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL 2DIGEN-1

Equip. Class 20. Instrument and Control Panels

Equipment Description

DG 2-1 Excitation Panel



File Name: 2-64-8-2-08.jpeg Description: Typical Anchor Weld



Seismic Walkdown Checklist (SWC)				Status:	W	N	U
Equipment ID No. PNL DC2-07		Equip. Class 14. Distrib	oution Pan	els			
Equipment Description 125 VDC E	Emergency	Distribution Panel					
Location: Bldg. SRVB Flo	or El.	730	Room	Emerg SWC	GR AE		
Manufacturer, Model, Etc.							
Instructions for Completing Checklist This checklist may be used to document the SWEL. The space below each of the follow findings. Additional space is provided at the	ing questio	ons may be used to reco	ord the res	ults of judgm			
Anchorage				V	N		
1. Is the anchorage configuration verification of the 50% of SWEL items requiring suct Mounted on inverted channels, channels are o.c.	h verificat	ion)?	3" at 11"	Y X	N		
2. Is the anchorage free of bent, broken, mis	ssing or lo	ose hardware?		Y	N	U	N/A
3. Is the anchorage free of corrosion that is oxidation?	more than	mild surface		Y	N	U	N/A
4. Is the anchorage free of visible cracks in	the concre	ete near the anchors?		Y	N	U	N/A
5. Is the anchorage configuration consistent (Note: This question only applies if the it which an anchorage configuration verif Drawing 2001.260-363-082L confirms anchorage.	tem is one fication is r	of the 50% for required.)	at 11" on	Y	N ·	U	N/A
center at front and back.6. Based on the above anchorage evaluation potentially adverse seismic conditions?				Y	N	U_	1



Seismic Walkdo	own Checklist (SWC)		Status:	(Y)	N	U
Equipment ID No	o. PNL DC2-07 Equip. Class 14.	Distribution Par	nels			
Equipment Descr	ription 125 VDC Emergency Distribution Pane	el				
Interaction Effe	cts					27/1
7. Are soft target	s free from impact by nearby equipment or structures?		Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lightilock walls not likely to collapse onto the equipment?	ng,	Y	N	U	N/A
9. Do attached lin	nes have adequate flexibility to avoid damage?		Y	N	U	N/A
	above seismic interaction evaluations, is equipment from adverse seismic interaction effects?	ee	Y	N	U	
	Conditions ked for and found no other seismic conditions that counct the safety functions of the equipment?	ıld	Y	N	U	
Comments (Add	itional pages may be added as necessary)				-	
	= this U.Sm. Ll					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	012	•	
	Brian A Lucarelli	Date:	10/10/2	012		



Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL DC2-07

Equip. Class 14. Distribution Panels

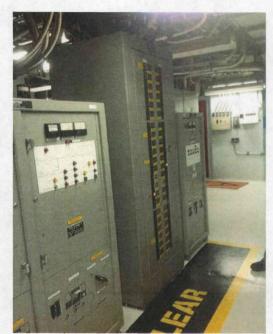
Equipment Description

125 VDC Emergency Distribution Panel

Other supporting or relevant documents and photos (if any):



File Name: 2-61-18-2-26.jpeg Description: Component Plate ID



File Name: 2-62-18-2-26.jpeg



(1)

1

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL DC2-07

Equip. Class 14. Distribution Panels

Equipment Description

125 VDC Emergency Distribution Panel



File Name: 2-63-18-2-26.jpeg
Description: View of Anchor Weld



File Name: 2-61-16-2-26.jpeg Description: View of Opened Cabinet



(Y)

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL DC2-07

Equip. Class 14. Distribution Panels

Equipment Description

125 VDC Emergency Distribution Panel



File Name: 2-63-16-2-26.jpeg

Description: View of Internal Components



Seismic Walkdowi	n Checklis	t (SWC)			Status:	\bigcirc	N	U
Equipment ID No.			Equip. Class 14	4. Distribution Pa	nels			
Equipment Description 125 V		125 VDC Distribut	VDC Distribution Panel					
								•
Location: Bldg.	SRVB	Floor El.	730	Room	Emerg SW	GR AE		
Manufacturer, Mod	el, Etc.							
SWEL. The space b	be used to below each	Checklist document the results of the following que rovided at the end of	stions may be use	d to record the res	sults of judgn	nents and		
Anchorage					Y	N		
of the 50% of SV	VEL items	on verification requirequiring such verifice, channels are stitch	cation)?		X			
2. Is the anchorage	free of ben	t, broken, missing or	loose hardware?		Y X	N	U	N/A
3. Is the anchorage oxidation?	free of cor	rosion that is more th	an mild surface		Y	N	U	N/A
4. Is the anchorage	free of visi	ble cracks in the con	crete near the anc	nors?	Y	N	U	N/A
	_	on consistent with pl		n?	Y	N	U	N/A
which an ancho	rage config 363-156A	pplies if the item is o guration verification i confirms anchor weld	is required.)	: 3" long at 11" oi	n			
6. Based on the about potentially adversarially		age evaluations, is the conditions?	e anchorage free o	f	Y	N	U_]



Seismic Walkdo	wn Checklist (SWC)			Status:	\bigcirc	N	U
	o. PNL DC2-19	Equip. Class 14. Dis	ribution Pa	nale			
Equipment 1D 140	7. THE DC2-19	Equip. Class 14. Dis	i ioution i a	11013			
Equipment Descr	ription 125 VDC Distrib	ution Panel					
Interaction Effe	cts					-	
7. Are soft targets free from impact by nearby equipment or structures?					N	U	N/A
				Y	N	U	N/A
	equipment, distribution systems, ock walls not likely to collapse			X			
				Y	N	U	N/A
9. Do attached lin	nes have adequate flexibility to a	void damage?		X			
10 December 41.				Y	N	U	
	above seismic interaction evalua adverse seismic interaction effec			X			
Other Adverse (Conditions					-	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?				Y X	N	U	
						_	
Comments (Add	itional pages may be added as n	ecessary)					
	- this UShmiff	2					
Evaluated by:	Eddie M. Guerra Date:			10/10/2012		-	
	Ent fell	/ .					
	Brian A. Lucarelli		Date:	10/10/2	2012		



Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL DC2-19

Equip. Class 14. Distribution Panels

(V)

Status:

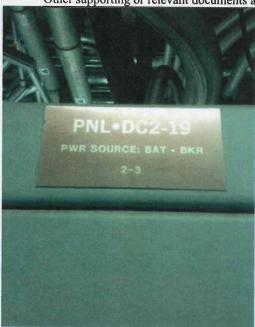
N

U

Equipment Description

125 VDC Distribution Panel

Other supporting or relevant documents and photos (if any):



File Name: 2-61-17-2-26.jpeg Description: Component Plate ID



File Name: 2-62-17-2-26.jpeg



(Y)

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL DC2-19

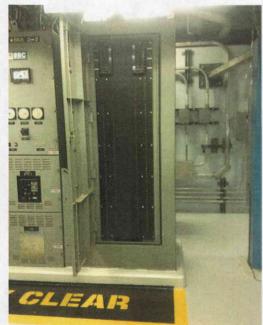
Equip. Class 14. Distribution Panels

Equipment Description

125 VDC Distribution Panel



File Name: 2-63-17-2-26.jpeg Description: View of Anchor Welds



File Name: 2-64-17-2-26.jpeg
Description: View of Opened Cabinet



Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL DC2-19

Equip. Class 14. Distribution Panels

Equipment Description

125 VDC Distribution Panel



File Name: 2-73-17-2-26.jpeg
Description: View of Internal Components



File Name: 2-95-17-2-26.jpeg
Description: View of Internal Welding



C		(CIVIC)			Status:	\bigcirc	N	U
Seismic Walkdown	i Checklist	(SWC)						
Equipment ID No.	PNL-2BL	G-SER	Equip. Class 20. I	nstrument and	Control Pane	ls		
Equipment Descript	tion	Building Service C	ontrol Panel					
Location: Bldg.	CNTB	Floor El.	735	Room	Control Ro	om		
Manufacturer, Mod	el, Etc.							
SWEL. The space b	be used to o	document the results of the following que	of the Seismic Walk stions may be used to this checklist for do	record the re	sults of judgn			
Anchorage					Y	N		
	_	•	red (i.e., is the item of	ne		X]	
		requiring such verific In average of 5" of 1/4	cation)? 4" fillet welds at 12"o	o.c. at front				
					Y	N	U	N/A
2. Is the anchorage	free of bent	, broken, missing or	loose hardware?		X			
3. Is the anchorage	free of corr	osion that is more th	an mild surface		Y	N	U	N/A
oxidation?								
					Y	N	U	N/A
4. Is the anchorage	free of visi	ble cracks in the con-	crete near the anchor	s?	X			
	~				Y	N	U	N/A_
(Note: This ques	tion only ap	on consistent with ploplies if the item is o uration verification	ne of the 50% for			.: <u>.</u>		X
6. Based on the aborentially adve		ge evaluations, is the conditions?	e anchorage free of		Y	N	U]



Seismic Walkdo	wn Checklist (SWC)			Status:	Ø	N	U
Equipment ID No	PNL-2BLG-SER	Equip. Class 20.	Instrument and (Control Pane	ls		
Equipment Descr	iption Building	Service Control Panel					
Interaction Effe	ets				N T	-	3. 1/4
Control room cei spacing. Each ce	ling main runners are si	arby equipment or structures? upported from concrete ceiling ng) is tied to the main runners ttial falling hazard.	g by wires at ~4'	Y X	N	U	N/A
		ystems, ceiling tiles and light ollapse onto the equipment?	ing,	Y	N	U	N/A
9. Do attached lir	es have adequate flexib	ility to avoid damage?		Y X	N	U	N/A
	above seismic interactio	n evaluations, is equipment frion effects?	ree	Y	N	U	
		ner seismic conditions that confithe equipment?	uld	Y X	N	U	
Comments (Add	itional pages may be add	led as necessary)				-	
	- His H.S.	All Control of the Co					
Evaluated by:	Eddie M. Guerra	<u> </u>	Date:	10/10/2	2012	-	
	Brian A. Lucarelli		Date:	10/10/2	2012		



Y

N

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Seismic Walkdown Checklist (SWC)

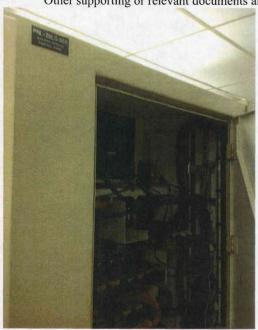
Equipment ID No. PNL-2BLG-SER

Equip. Class 20. Instrument and Control Panels

Equipment Description

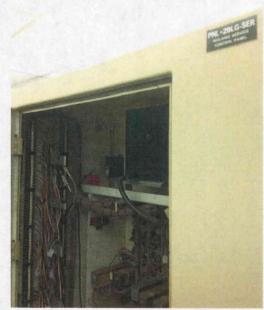
Building Service Control Panel

Other supporting or relevant documents and photos (if any):



File Name: 2HVR-TI228(4).jpg

Description: General View of Inside Cabinet



File Name: 2HVR-TI228-1(2).jpg

Description: General View of Inside Cabinet



Y

1

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Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-2BLG-SER

Equip. Class 20. Instrument and Control Panels

Equipment Description

Building Service Control Panel



File Name: 2HVR-TI228(1).jpg
Description: View of Cabinet Anchorage



File Name: 2HVR-TI228-1(3).jpg
Description: View of Cabinet Anchorage



Saismia Walkdowe	. Chaaldist	(CWC)			Status:	Ŷ	N	U
Seismic Walkdown	i Checkiist	(SWC)						
Equipment ID No.	PNL-2RP	U-A	Equip. Class 20.	Instrument and	Control Pane	ls		
Equipment Descript	tion	Remote Processing	Unit "A" Panel				·-	•
Location: Bldg.	CNTB	Floor El.	707	Room	CNTB 707			
Manufacturer, Mod	el, Etc.							
Instructions for Co This checklist may SWEL. The space b findings. Additional	be used to doelow each o	ocument the results of the following que	stions may be used	to record the re	sults of judgm		- ;	
Anchorage					v	N		
1. Is the anchorage of the 50% of SW 4" weld at corner of	VEL items re	equiring such verifi	cation)?			X]	
frame.	cuomei. O	More to view wermin	ng at from of caoine	i due to jioor				
					Y	N	U	N/A
2. Is the anchorage	free of bent,	broken, missing or	loose hardware?		X	·		
					Y	N	U	N/A
3. Is the anchorage oxidation?	free of corro	sion that is more th	an mild surface		X			
					Y	N	U	N/A
4. Is the anchorage	free of visib	le cracks in the con	crete near the ancho	ors?	X			
5. Is the anchorage	aanfiauratio	n aansistant with a	lant da suma antation 9	,	Y	N	U_	N/A X
(Note: This quest	ion only app	olies if the item is o	ne of the 50% for		L		<u> </u>	Λ
6. Based on the abo	ve anchorag	e evaluations, is the	e anchorage free of		Y	N	U	
potentially adver			5		<u> </u>			•



Seismic Walkdo	wn Checklist (SWC)			Status:	Ø	N	U
Equipment ID No	o. PNL-2RPU-A	Equip. Class 20. Instr	rument and	Control Panel	ls		
Equipment Descr	ription Remote Proce	essing Unit "A" Panel					
Interaction Effec	ets					-	
7. Are soft targets	s free from impact by nearby	equipment or structures?		Y	N	U	N/A
	equipment, distribution syste ock walls not likely to colla	ems, ceiling tiles and lighting, ose onto the equipment?		Y	N	U	N/A
9. Do attached lin	nes have adequate flexibility	to avoid damage?		Y	N	U	N/A
	above seismic interaction evadverse seismic interaction of	raluations, is equipment free effects?		Y	N	U	
		eismic conditions that could equipment?		Y X	N	U	
Comments (Add	itional pages may be added	as necessary)				-	
	- His M. Shung	Q					
Evaluated by:	Eddie M. Guerra	//.	Date:	10/10/2	2012	-	
	Brian A. Lucarelli	/ ,	Date:	10/10/2	2012	_	



(1)

N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-2RPU-A

Equip. Class 20. Instrument and Control Panels

Equipment Description

Remote Processing Unit "A" Panel

Other supporting or relevant documents and photos (if any):



File Name: 2-61-6-2-06.jpeg Description: Component Plate ID



File Name: 2-62-6-2-06.jpeg



(Y)

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-2RPU-A

Equip. Class 20. Instrument and Control Panels

Equipment Description

Remote Processing Unit "A" Panel



File Name: 2-63-6-2-06.jpeg
Description: View of Anchor Welds



File Name: 2-64-6-2-06.jpeg
Description: View of Anchor Welds



Seismic Walkdown Checklist ((SWC)			Status:	Y	(N)	U
Equipment ID No. PNL-SEQ-	244	Equip. Class 20. In	strument and	Control Pan	els		
Equipment Description	D/G 2-1 Sequencing	g And Test Panel					-
Location: Bldg. SRVB	Floor El.	730	Room	Emerg SV	VGR AE		
Manufacturer, Model, Etc.							
Instructions for Completing C This checklist may be used to do SWEL. The space below each or findings. Additional space is pro	ocument the results f the following ques	stions may be used to	record the re	sults of judg	ments and		
Anchorage							
1. Is the anchorage configuration	n verification requir	red (i.e., is the item on	ie	Y X	N]	
of the 50% of SWEL items re 5th panel in a line of 17. Adjace Panel anchored by stitch weld a front and back)	ent panels confirme	d to be bolted togethe					
				Y	N	U	N/A
2. Is the anchorage free of bent,	broken, missing or	loose hardware?		X			
				Y	N	U	N/A
3. Is the anchorage free of corros oxidation?	sion that is more tha	an mild surface		X			
				Y	N	U	N/A
4. Is the anchorage free of visible	e cracks in the cond	erete near the anchors	?	X			
5. Is the anchorage configuration	•			Y X	N	U	N/A
(Note: This question only app which an anchorage configur Drawing No. 10080-R confirms and back, 5" long at 8"on center	ration verification is anchor weld config	s required.)	ch for front				
6. Based on the above anchorage potentially adverse seismic co		anchorage free of		Y	N	U]



Seismic Walkdown Check	klist (SWC)	Status:	Y	(N)	U
Equipment ID No. PNL-	SEQ-244 Equip. Class 20. Instrument an	nd Control Pane	ls		
Equipment Description	D/G 2-1 Sequencing And Test Panel				
Interaction Effects			.	_	27/4
Flourescent lights in the ar	n impact by nearby equipment or structures? rea are chain hung and capable of swinging and impacting omponent. CR-2012-14463 generated to document this	Y Y	N X	U	N/A
	t, distribution systems, ceiling tiles and lighting, not likely to collapse onto the equipment? wately supported.	Y	N	U	N/A
9. Do attached lines have a Attached top conduit is add	dequate flexibility to avoid damage?	Y	N	U	N/A
	smic interaction evaluations, is equipment free eismic interaction effects?	Y	N X	U	
	nd found no other seismic conditions that could ety functions of the equipment?	Y X	N	U	I
Comments (Additional pa	ges may be added as necessary)	· · · · · · · · · · · · · · · · · · ·		_	
	this M. Show fl				
Evaluated by: Eddie	Date:	10/10/2	2012	_	
Brian	A. Lucarelli Date:	10/10/2	2012		



Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-SEQ-244

Equip. Class 20. Instrument and Control Panels

Equipment Description

D/G 2-1 Sequencing And Test Panel

Other supporting or relevant documents and photos (if any):



File Name: PNL-SEQ-244(1).jpg Description: Component Plate ID



File Name: PNL-SEQ-244(2).jpg
Description: General View of Component

U



Status: Y 🔊

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-SEQ-244

Equip. Class 20. Instrument and Control Panels

Equipment Description

D/G 2-1 Sequencing And Test Panel



File Name: PNL-SEQ-244(3).jpg Description: View of Anchor Weld



File Name: PNL-SEQ-244(4).jpg
Description: View of Flexible Top Lines



Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-SEQ-244

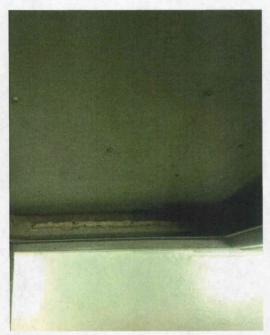
Equip. Class 20. Instrument and Control Panels

Equipment Description

D/G 2-1 Sequencing And Test Panel



File Name: 2-61-14-2-26.jpeg Description: View of Opened Cabinet



File Name: 2-62-14-2-26.jpeg

Description: View of Internal Welding in Front of Cabinet



Status: Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-SEQ-244

Equip. Class 20. Instrument and Control Panels

Equipment Description

D/G 2-1 Sequencing And Test Panel



File Name: 2-63-14-2-26.jpeg

Description: View of Internal of Back of Cabinet



File Name: 2-73-14-2-26.jpeg

Description: Adjacent Cabinets are Bolted Together



Y

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-SEQ-244

Equip. Class 20. Instrument and Control Panels

Equipment Description

D/G 2-1 Sequencing And Test Panel



File Name: 2-94-14-2-26.jpeg

Description: View of Internal Cabinet Components



Seismic Walkdowi	n Checklis	st (SWC)			Status:	\bigcirc	N	U
Equipment ID No.	PNL-VI	TBS2-1A	Equip. Class 14.	Distribution Par	nels			
Equipment Descrip	tion	120VAC Vital BUS	1 Distribution					-
Location: Bldg.	CNTB	Floor El.	707	Room	<u>CNTB 707</u>	SW Con	ner	
Manufacturer, Mod	el, Etc.	_						
SWEL. The space b	be used to below each	Checklist document the results of the following ques	tions may be used	to record the res	ults of judgm		,	
Anchorage								
1. Is the anchorage	configurat	ion verification requir	ed (i.e., is the item	one	Y	$\frac{N}{X}$]	
Wall-mounted pane component is not po	l. Anchord art of 50%	requiring such verific age is not accessible v anchorage verificatio bservation indicated e	vithout disassembli n. Drawing 79178	-S5 shows 8-1/2	" diameter an consistent wi	achors to th the de.	attach sign	21/4
2. Is the anchorage:	free of ben	it, broken, missing or	loose hardware?		$\begin{array}{ c c c c }\hline X & \hline \end{array}$	N	U	N/A
No visible signs obs								
2 Is the ancherose	fuaa a f a a u		211		Y	N	U	N/A
oxidation?	iree of cor	rosion that is more tha	in mild surface		X		نـــــــــــــــــــــــــــــــــــــ	
Panel is in dry envii	ronment a	nd no corrosion is exp	ected.					
4. In the anchorage	C:.:	9-1111		0	Y	N	U	N/A
4. Is the anchorage	iree oi visi	ible cracks in the conc	rete near the ancho	rs?	X			
	_				Y	N	U	N/A
(Note: This quest	ion only a	ion consistent with plapplies if the item is on guration verification is	e of the 50% for		<u> </u>			X
6. Based on the aborpotentially adver		age evaluations, is the conditions?	anchorage free of		Y	N	U	



Seismic Walkdo	own Checklist (SWC)		Status:	\bigcirc	N	U
	o. PNL-VITBS2-1A Equip. Class 14. Dis	tribution Pa	nnels			
Equipment Descri	ription 120VAC Vital BUS 1 Distribution					
Interaction Effe	ects				-	
7. Are soft target	s free from impact by nearby equipment or structures?		Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting, lock walls not likely to collapse onto the equipment?		Y X	N	U	N/A
9. Do attached lin	nes have adequate flexibility to avoid damage?		Y	N	U	N/A
	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?		Y	N	U	
	Conditions oked for and found no other seismic conditions that could ext the safety functions of the equipment?		Y	N	U	
Comments (Add	litional pages may be added as necessary)	· · · · · · · · · · · · · · · · · · ·			.	
	- this UShna LO					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	012	-	
	Brian A. Lucarelli	Date:	10/10/2	012	_	



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Seismic Walkdown Checklist (SWC)

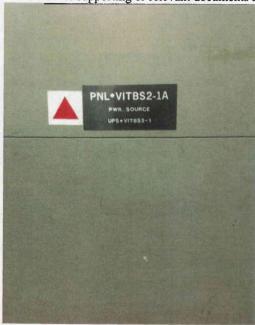
Equipment ID No. PNL-VITBS2-1A

Equip. Class 14. Distribution Panels

Equipment Description

120VAC Vital BUS 1 Distribution

Other supporting or relevant documents and photos (if any):



File Name: 2-61-2-2-06.jpeg
Description: Component Plate ID



File Name: 2-62-2-2-06.jpeg



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N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-VITBS2-1A

Equip. Class 14. Distribution Panels

Equipment Description

120VAC Vital BUS 1 Distribution



File Name: 2-63-2-2-06.jpeg Description: Anchorage Inacessible



Seismic Walkdown C	Checklist (SW	C)			Status:	Ø	N	U
Equipment ID No. <u>F</u>	NL-VITBS2-2	<u>2C</u>	Equip. Class 14. Di	stribution Pa	nels			
Equipment Description	n <u>120 '</u>	VAC Vital BU	S II Distribution					-
Location: Bldg.	CNTB	Floor El.	735	Room	Control Ro	om		
Manufacturer, Model,	Etc							
Instructions for Com This checklist may be SWEL. The space belofindings. Additional sp	used to docum ow each of the	ent the results following que	stions may be used to	record the res	sults of judgn	nents and		
Anchorage					Y	N		
1. Is the anchorage con	_	-		e		X		
of the 50% of SWE Large wall-mounted p Drawing 79178-S5 sh Field observation indidesign drawing.	anel. Anchora ows 8-1/2" dia	ge is not acces meter anchors	sible without disassen to attach this panel to	the wall.				
					Y	N	U	N/A
2. Is the anchorage fre No visible signs obser		en, missing or	loose hardware?		X			
					Y	N	U	N/A
3. Is the anchorage fre oxidation?	e of corrosion	that is more th	an mild surface		X			
Panel is in dry environ	nment and no c	orrosion is exp	pected.					
					Y	N	U	N/A
4. Is the anchorage fre	e of visible cra	cks in the con	crete near the anchors?	,	X			<u></u>
					Y	N_	U	N/A
5. Is the anchorage co. (Note: This question which an anchorage	n only applies	if the item is or	ne of the 50% for		LL			X
					Y	N	U	1
Based on the above potentially adverse	_		anchorage free of		X			J



Seismic Walkdo	wn Checklist (SWC)		Status:	W	N	U
Equipment ID No	o. PNL-VITBS2-2C Equip. Class 14. Dist	ribution Pa	nels			
Equipment Descr	iption 120 VAC Vital BUS II Distribution			-		
Interaction Effe	ets		V	NI	.	NI/A
7. Are soft targets	s free from impact by nearby equipment or structures?		X	N	U	N/A
			Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting, ock walls not likely to collapse onto the equipment?		X			
9 Do attached lir	nes have adequate flexibility to avoid damage?		Y	N	U	N/A
	ve adequate flexibility.					
	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?		Y	N	U	
Other Adverse (Conditions ked for and found no other seismic conditions that could		Y	N	- U	
adversely affe	ct the safety functions of the equipment?		X			
Comments (Add	itional pages may be added as necessary)				-	
	- this US mitte					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012	-	
	Brian A. Lucarelli	_Date:	10/10/2	2012	_	

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Seismic Walkdown Checklist (SWC)

Status: (Y

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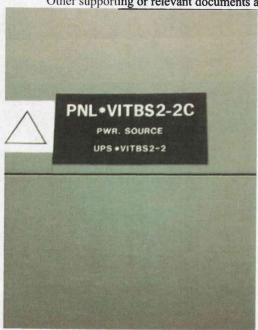
Equipment ID No. PNL-VITBS2-2C

Equip. Class 14. Distribution Panels

Equipment Description

120 VAC Vital BUS II Distribution

Other supporting or relevant documents and photos (if any):



File Name: PNL-VITBS2-2C(1).jpg
Description: Component Plate ID



File Name: PNL-VITBS2-2C(2).jpg
Description: General View of Component



Status:

N
U

Seismic Walkdown Checklist (SWC)

Equipment ID No. PNL-VITBS2-2C

Equip. Class 14. Distribution Panels

Equipment Description

120 VAC Vital BUS II Distribution



File Name: PNL-VITBS2-2C(3).jpg Description: View of Attached Lines



File Name: PNL-VITBS2-2C(4).jpg
Description: View of Anchorage to Wall



Seismic Walkdown	n Checklis	t (SWC)			Status:	Ø	N	U
Equipment ID No.	RK-2AU	X-REL-C	Equip. Class 20.	Instrument and	Control Panel	s		
Equipment Descript	tion	Aux Relay Rack						
Location: Bldg.	CNTB	_ Floor El.	707	Room	CNTB 707			
Manufacturer, Mod	el, Etc.							
SWEL. The space b	be used to below each	Checklist document the results of the following ques provided at the end of	stions may be used t	o record the res	sults of judgm			
Anchorage					* \$7	N		
of the 50% of SV	VEL items	ion verification requir requiring such verific corners to floor moun	ation)?		Y	N X		
2. Is the anchorage	free of ber	t, broken, missing or	loose hardware?		Y	N	U	N/A
3. Is the anchorage oxidation?	free of cor	rosion that is more that	an mild surface		Y	N	U	N/A
4. Is the anchorage	free of vis	ible cracks in the cond	erete near the ancho	rs?	Y	N	U	N/A
C					Y	N	U	N/A
(Note: This quest	tion only a	ion consistent with plapplies if the item is orgunation verification i	ne of the 50% for					X
6. Based on the abo		age evaluations, is the conditions?	anchorage free of		Y X	N	U	



			Status:	\bigcirc	N	U
Seismic Walkdov	wn Checklist (SWC)					
Equipment ID No	. <u>RK-2AUX-REL-C</u> Equip. Class 20. Instr	ument and	Control Panel	ls		
Equipment Descri	iption Aux Relay Rack				_	
Interaction Effec	ets					
7. Are soft targets	free from impact by nearby equipment or structures?		X	N_	U	N/A
			Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting, ock walls not likely to collapse onto the equipment?		X			
			Y	N_	U	N/A
9. Do attached lin	es have adequate flexibility to avoid damage?		X			
10 Based on the	above seismic interaction evaluations, is equipment free		Y	N	U	l
	adverse seismic interaction effects?		L			
Other Adverse C					-	
	ked for and found no other seismic conditions that could ct the safety functions of the equipment?		Y	N	U	
Comments (Addi	itional pages may be added as necessary)				-	
	- this U.S. m. LO					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	2012	_	
	Ent Ll!					
	Brian A. Lucarelli	Date:	10/10/2	2012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2AUX-REL-C

Equip. Class 20. Instrument and Control Panels

Equipment Description

Aux Relay Rack

Other supporting or relevant documents and photos (if any):



File Name: 2-61-7-2-06.jpeg
Description: Component Plate ID



File Name: 2-62-7-2-06.jpeg



Y

1

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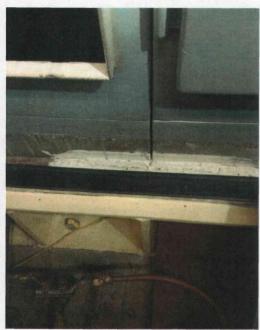
Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2AUX-REL-C

Equip. Class 20. Instrument and Control Panels

Equipment Description

Aux Relay Rack



File Name: 2-63-7-2-06.jpeg
Description: View of Anchor Welds



File Name: 2-64-7-2-06.jpeg

Description: View of Interior at Cabinet Base

U

N

Status:



Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2AUX-REL-C Equip. Class 20. Instrument and Control Panels

Equipment Description Aux Relay Rack



File Name: 2-73-7-2-06.jpeg

Description: View of Interior Components



Seismic Walkdown	n Checklist ((SWC)			Status:	Ø	N	U
Equipment ID No.	pment ID No. <u>RK-2PRI-PROC-1</u> Equip. Class 20. Instrument and Control Panels							
Equipment Descrip	tion	Primary Process Co	ontrol Panel 1					•
Location: Bldg.	CNTB	Floor El.	707	Room	CNTB 707			
Manufacturer, Mod	lel, Etc.						_	
SWEL. The space b	be used to do below each o	ocument the results f the following que	of the Seismic Walk stions may be used to this checklist for do	record the re	sults of judgm		;	
Anchorage					Y	N	-	
of the 50% of SV	VEL items re	quiring such verific				X]	
			ded to wide flange wo ofloor with 3/8" anci					
2. Is the anchorage	free of bent,	broken, missing or	loose hardware?		Y	N	U	N/A
3. Is the anchorage oxidation?	free of corro	sion that is more th	an mild surface		Y	N	U	N/A
Oxidation:								
4. Is the anchorage	free of visib	e cracks in the cond	crete near the anchor	s?	Y	N	U	N/A
5.1.4. 1	<i>c</i>				Y	N	U	N/A
(Note: This ques	tion only app	n consistent with pludies if the item is or cration verification i					L	X
6. Based on the aboreout ally adve	_		anchorage free of		Y X	N	U]



Seismic Walkdo	wn Checklist (SWC)		Status:	\bigcirc	N	U
	· · · · · ·		C . 15			
Equipment ID No	b. RK-2PRI-PROC-1 Equip. Class 20. Insti	rument and	Control Pane	IS		
Equipment Descr	ription Primary Process Control Panel 1					
Interaction Effe	cts				_	
7. Are soft target	Y	N	U	N/A		
8. Are overhead of	equipment, distribution systems, ceiling tiles and lighting,		Y	N_	U	N/A
and masonry bl	ock walls not likely to collapse onto the equipment?					
9. Do attached lines have adequate flexibility to avoid damage?			Y	N	U	N/A
			Y	N	U	1
	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?		X			
Other Adverse (<u> </u>			-	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?			X	N	I	
Comments (Add	litional pages may be added as necessary)		· · · · · · · · · · · · · · · · · · ·		-	
	= detis U.Shun £0					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2012		-	
	Sm. A full.					
	Brian A. Lucarelli	Date:	10/10/2	2012		



(1)

N

U

Seismic Walkdown Checklist (SWC)

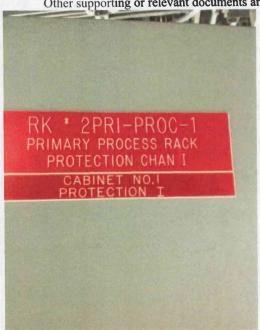
Equipment ID No. RK-2PRI-PROC-1

Equip. Class 20. Instrument and Control Panels

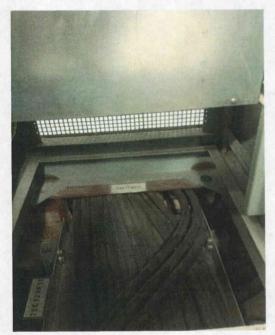
Equipment Description

Primary Process Control Panel 1

Other supporting or relevant documents and photos (if any):



File Name: 2-61-3-2-06.jpeg
Description: Component Plate ID



File Name: 2-62-3-2-06.jpeg

Description: View of Interior at Cabinet Base



(Y)

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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2PRI-PROC-1

Equip. Class 20. Instrument and Control Panels

Equipment Description

Primary Process Control Panel 1



File Name: 2-64-3-2-06.jpeg
Description: View of Opened Cabinet



File Name: 2-73-3-2-06.jpeg



Y

N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2PRI-PROC-1

Equip. Class 20. Instrument and Control Panels

Equipment Description

Primary Process Control Panel 1



File Name: 2-95-3-2-06.jpeg

Description: View of Anchor Weld and Wide Flange Anchor Bolt



File Name: 2-96-3-2-06.jpeg
Description: View of Anchor Welds



Seismic Walkdown	n Checklist (S	SWC)			Status:	Ø	N	U
Equipment ID No.	RK-2PRI-P	ROC-2	Equip. Class 20	. Instrument and	Control Pane	els		
Equipment Descrip	tion <u>P</u>	rimary Process Co	ontrol Panel 2					
Location: Bldg.	<u>CNTB</u>	Floor El.	707	Room	<u>CNTB 707</u>			
Manufacturer, Mod	el, Etc.							
Instructions for Co This checklist may SWEL. The space be findings. Additiona	be used to doo below each of	cument the results the following ques	stions may be used	to record the res	sults of judgn	ent on the nents and	-	
Anchorage					Y	N	-	
1. Is the anchorage		verification requir uiring such verific		one	<u> </u>	N X]	
Exterior of cabinet in center. Wide flan	is welded to w	ride flange with 6"	welds at corners					
2. Is the anchorage	free of bent, b	roken, missing or	loose hardware?		Y X	N	U	N/A
3. Is the anchorage oxidation?	free of corrosi	on that is more tha	nn mild surface		Y X	N	U	N/A
4. Is the anchorage	free of visible	cracks in the conc	rete near the anch	ors?	Y	N	U	N/A
5. Is the anchorage (Note: This quest		consistent with pla		?	Y	N	U	N/A X
-		tion verification is						
6. Based on the abo potentially adver	ve anchorage	evaluations, is the nditions?	anchorage free of		Y	N	U]



Seismic Walkdo	own Checklist (SWC)		Status:	\bigcirc	N	U
Equipment ID No		rument and	Control Panel	ls		
Equipment Descr	ription Primary Process Control Panel 2					
Interaction Effe	ects		V	NI	•	NI/A
	s free from impact by nearby equipment or structures? is are bolted together.		Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting, lock walls not likely to collapse onto the equipment?		Y	N	U	N/A
	nes have adequate flexibility to avoid damage? duit found with adequate flexibility		Y	N	U	N/A
	above seismic interaction evaluations, is equipment free adverse seismic interaction effects?		Y	N	U	
	Conditions Oked for and found no other seismic conditions that could ext the safety functions of the equipment?		Y X	N	U	
Comments (Add	litional pages may be added as necessary)				-	
	- the Men La					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	012	-	
	Brian A. Lucarelli	Date:	10/10/2	012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2PRI-PROC-2

Equip. Class 20. Instrument and Control Panels

Equipment Description

Primary Process Control Panel 2

Other supporting or relevant documents and photos (if any):



File Name: 2-61-4-2-06.jpeg Description: Component Plate ID



File Name: 2-62-4-2-06.jpeg

Description: View of Interior Components



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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2PRI-PROC-2

Equip. Class 20. Instrument and Control Panels

Equipment Description

Primary Process Control Panel 2



File Name: 2-63-4-2-06.jpeg
Description: View of Interior Components



File Name: 2-64-4-2-06.jpeg

Description: View of Interior at Cabinet Base



Y

N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2PRI-PROC-2

Equip. Class 20. Instrument and Control Panels

Equipment Description

Primary Process Control Panel 2



File Name: 2-73-4-2-06.jpeg

Description: View of Interior at Cabinet Base



File Name: 2-94-4-2-06.jpeg
Description: View of Opened Cabinet



Y

N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2PRI-PROC-2

Equip. Class 20. Instrument and Control Panels

Equipment Description

Primary Process Control Panel 2



File Name: 2-95-4-2-06.jpeg

Description: Adjacent Cabinets are Bolted Together



File Name: 2-96-4-2-06.jpeg

Description: General View of Component



(Y)

N

U

Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2PRI-PROC-2

Equip. Class 20. Instrument and Control Panels

Equipment Description

Primary Process Control Panel 2



File Name: 2-97-4-2-06.jpeg Description: View of Base Weld



Seismic Walkdow	n Checklist	(SWC)			Status:	Ø	N	U
Equipment ID No.	RK-2SEC	PROC-A	Equip. Class 20. Ins	strument and	Control Pane	els		
Equipment Descrip	otion .	Emergency Control	System Secondary Pr	ocess Panel				
Location: Bldg.	CNTB	Floor El.	707	Room	<u>CNTB 707</u>			
Manufacturer, Mod	lel, Etc.							
SWEL. The space 1	be used to debelow each o	ocument the results f the following ques	of the Seismic Walkdo stions may be used to this checklist for docu	record the res	sults of judgn		- ;	
Anchorage					Y	N		
of the 50% of SV	VEL items re	quiring such verific				X]	
		wide jiange wiin 6" vith 3/8" bolts every	welds at corners 8" w 3ft.	veta in center	,			
2. Is the anchorage	free of bent	broken missing or	loose hardware?		Y	N	U	N/A
2. 15 the anenorage	nee or bent,	oroken, missing or	loose nardware:				I	
3. Is the anchorage oxidation?	free of corro	sion that is more tha	an mild surface		Y	N	U	N/A
4. Is the anchorage	free of visib	le cracks in the cond	erete near the anchors?	•	Y	N	U	N/A
5. Is the anchorage					Y	N	U	N/A X
		olies if the item is or ration verification is						
6. Based on the aboreout ally adve			anchorage free of		Y X	N	U	



Seismic Walkdo	wn Checklist	(SWC)			Status:	W	N	U
Equipment ID No	o. <u>RK-2SEC</u>	-PROC-A	Equip. Class 20.	Instrument and	Control Pane	ls		
Equipment Descr	ription	Emergency Con	atrol System Secondary	Process Panel				
Interaction Effec	cts						-	
7. Are soft targets Adjacent cabinets			quipment or structures?		Y	N	U	N/A
		-	s, ceiling tiles and lightice onto the equipment?	ng,	Y	N	U	N/A
9. Do attached lin					Y	N	U	N/A
	Attached top conduit found with adequate flexibility 10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?					N	U .	
	ked for and fo	und no other seis	smic conditions that couquipment?	ıld	Y X	N_	U	
Comments (Addi	itional pages 1	may be added as	necessary)				-	
	3	ti U Gun F	Q.					
Evaluated by:	Eddie M.	,	·/.	Date:	10/10/2	2012	-	
	Brian A. I	A LUCarelli		Date:	10/10/2	2012	_	



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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2SEC-PROC-A

Equip. Class 20. Instrument and Control Panels

Equipment Description

Emergency Control System Secondary Process Panel

Other supporting or relevant documents and photos (if any):



File Name: 2-61-5-2-06.jpeg Description: Component Plate ID



File Name: 2-62-5-2-06.jpeg

Description: Adjacent Cabients are Bolted Together



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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2SEC-PROC-A

Equip. Class 20. Instrument and Control Panels

Equipment Description

Emergency Control System Secondary Process Panel



File Name: 2-64-5-2-06.jpeg
Description: View of Interior Components



File Name: 2-73-5-2-06.jpeg

Description: View of Flexible Top Conduit



(Y)

N

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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2SEC-PROC-A

Equip. Class 20. Instrument and Control Panels

Equipment Description

Emergency Control System Secondary Process Panel



File Name: 2-94-5-2-06.jpeg
Description: General View of Component



File Name: 2-95-5-2-06.jpeg Description: View of Base Weld



(Y)

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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2SEC-PROC-A

Equip. Class 20. Instrument and Control Panels

Equipment Description

Emergency Control System Secondary Process Panel



File Name: 2-97-5-2-06.jpeg

Description: View of Base Weld and Wide Flange Anchor Bolt



Seismic Walkdowi	n Checklist (SWC	C)			Status:	\bigcirc	N	U
Equipment ID No.	RK-2NUC-INS		Equip. Class 2	0. Instrument and	Control Pane	els		
Equipment Descrip	tion <u>Ins N</u>	uclear Instr S	ystem					
Location: Bldg.	CNTB	Floor El.	735	Room	Control Ro	om		
Manufacturer, Mod	el, Etc.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					_	
Instructions for Co This checklist may SWEL. The space b findings. Additional	be used to docume below each of the f	ent the results following que	stions may be use	d to record the re	sults of judgn			
Anchorage								
1. Is the anchorage of the 50% of SW 4 section cabinet, as wide flange beam w	VEL items requirir djacent sections at	ng such verific re bolted toge	cation)?		Y	N X]	
2. Is the anchorage	free of bent, broke	n, missing or	loose hardware?		Y	N	U	N/A
3. Is the anchorage oxidation?	free of corrosion th	hat is more th	an mild surface		Y X	N	U	N/A
4. Is the anchorage i	free of visible crac	ks in the cond	crete near the anc	hors?	Y	N	U	N/A
	configuration consion only applies if rage configuration	the item is or	ne of the 50% for	n?	Y	N	U	N/A X
6. Based on the aborentially adver	ve anchorage evaluse seismic conditi		anchorage free o	f	Y	N	U]



Seismic Walkdo	own Checklist (SWC)			Status:	\bigcirc	N	U
Equipment ID No	o. RK-2NUC-INS	Equip. Class 20. Inst	rument and	Control Pane	ls		
Equipment Descri	ription <u>Ins Nuclear In</u>	str System					
Interaction Effe	cts					-	
7 Are soft target	s free from impact by nearby	equipment or structures?		X	N	U	N/A
Control room cer spacing. Each co	iling main runners are suppor eiling tile (i.e., egg grating) is judged not to be a potential f	ted from concrete ceiling by tied to the main runners at					
				Y	N	U	N/A
	equipment, distribution syster lock walls not likely to collap	, ,		X			14/14
and masoning of	ook wans not likely to conap	se onto the equipment:					
				<u>Y</u>	N	U	N/A
9. Do attached lin	nes have adequate flexibility t	o avoid damage?		X			
				Y	N	U	
	above seismic interaction eva adverse seismic interaction et			X			
						_	
	Conditions ked for and found no other se ct the safety functions of the			Y X	N	U	
C (11)						_	
Comments (Add	itional pages may be added as	s necessary)					
	- this U.S	Q					
Evaluated by:	Eddie M. Guerra		Date:	10/10/2	2012	-	
	Em A Lel	<u>//</u> .					
	Brian A. Lucarelli		Date:	10/10/2	2012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2NUC-INS

Equip. Class 20. Instrument and Control Panels

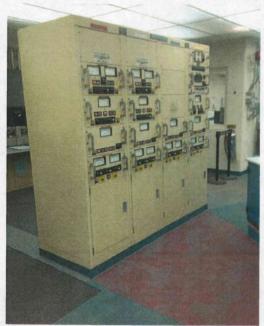
Equipment Description

Ins Nuclear Instr System

Other supporting or relevant documents and photos (if any):



File Name: 2-61-7-2-07.jpeg Description: Component Plate ID



File Name: 2-98-7-2-07.jpeg

Description: General View of Component



Y

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Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2NUC-INS

Equip. Class 20. Instrument and Control Panels

Equipment Description

Ins Nuclear Instr System



File Name: 2-63-7-2-07.jpeg

Description: View of Interior Components



File Name: 2-73-7-2-07.jpeg

Description: Adjacent Cabinets Bolted Together

U



Status:

Y

V

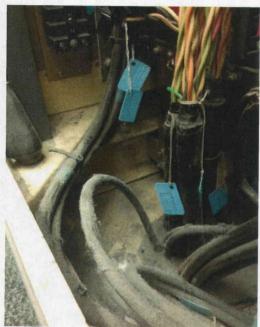
Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2NUC-INS

Equip. Class 20. Instrument and Control Panels

Equipment Description

Ins Nuclear Instr System



File Name: 2-95-7-2-07.jpeg

Description: Cabinet Bolted to W-Flange Beam



File Name: 2-96-7-2-07.jpeg

Description: View of Interior Components

U



Seismic Walkdown Checklist (SWC)

Equipment ID No. RK-2NUC-INS

Equip. Class 20. Instrument and Control Panels

Status:

Y

Equipment Description

Ins Nuclear Instr System



File Name: 2-97-7-2-07.jpeg

Description: View of Interior Components



Seismic Walkdown Checklist	(SWC)			Status:	· W	N	U
Equipment ID No. TRF-2-8N	1	Equip. Class 4. Tr	ansformers				
Equipment Description	Transformer For Su	ubstation 2-8	****				
Location: Bldg. SRVB	Floor El.	730	Room	Emerg SW	GR AE		
Manufacturer, Model, Etc.							
Instructions for Completing (This checklist may be used to de SWEL. The space below each of findings. Additional space is property of the state of the space of t	locument the results of the following que	stions may be used to	record the re	sults of judgr	nents and	:	
Anchorage							
1. Is the anchorage configuration	-		ne	Y X	N]	1
of the 50% of SWEL items r Coils are attached to the base s welded to floor embeds at corn bolted to channels with two ~1/2	skid with 4-3/4"diam ers (~2.5" @ 4"o.c.	eter machine bolts. ' at each corner). Com					
				Y	N	U	N/A
2. Is the anchorage free of bent	, broken, missing or	loose hardware?		X			
				Y	N	U	N/A
3. Is the anchorage free of correoxidation?	osion that is more th	an mild surface		X			
				Y	N	U	N/A
4. Is the anchorage free of visib	ole cracks in the con-	crete near the anchors	s?	X			
				Y	N	U	N/A
5. Is the anchorage configuration (Note: This question only apwhich an anchorage configuration of the strength	plies if the item is or uration verification i	ne of the 50% for s required.)	2.5" long	X	-		
				Y	N	U	1
6. Based on the above anchorage potentially adverse seismic		e anchorage free of		X			J



Seismic Walkdov	wn Checklist (SWC)	Status:	Ø	N	U
Equipment ID No	Equip. Class 4. Transformer	rs			
Equipment Descri	iption Transformer For Substation 2-8				
Interaction Effec	ets	37	NI	.	DI/A
7. Are soft targets	free from impact by nearby equipment or structures?	Y	N	U	N/A
	quipment, distribution systems, ceiling tiles and lighting, ock walls not likely to collapse onto the equipment?	Y X	N	U	N/A
	es have adequate flexibility to avoid damage? thave adequate flexibility.	Y	N	U	N/A
10. Based on the a of potentially a Bus duct at the top Buses exiting trans	above seismic interaction evaluations, is equipment free adverse seismic interaction effects? To of the transformer to 480V BUS 2N judged structurally adequates and the second structural of the contract of the second s		N	U	
Other Adverse C	Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?				I
Comments (Addi	tional pages may be added as necessary)			_	
	= His M. Shun LO				
Evaluated by:	Eddie M. Guerra Date	e: <u>10/10/</u>	2012	<u>·</u>	
	Brian A. Lucarelli Date	e: <u>10/10/</u>	2012	_	



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Seismic Walkdown Checklist (SWC)

Equipment ID No. TRF-2-8N

Equip. Class 4. Transformers

Equipment Description

Transformer For Substation 2-8

Other supporting or relevant documents and photos (if any):



File Name: TRF2-8N(2).jpg Description: Component Plate ID



File Name: TRF2-8N(3).jpg

Description: General View of Component



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Seismic Walkdown Checklist (SWC)

Equipment ID No. TRF-2-8N

Equip. Class 4. Transformers

Equipment Description

Transformer For Substation 2-8



File Name: TRF2-8N(1).jpg
Description: View of Top Conduits



File Name: TRF2-8N(4).jpg Description: View of Bus Duct



Seismic Walkdown Checklist (SWC)		Status:	Ø	N	U
Equipment ID No. <u>UPS-VITBS2-1</u> Equip. Class 16. Batter	ry Charge	rs and Invert	ers		
Equipment Description Vital BUS Uninterruptible Power					
Location: Bldg. SRVB Floor El. 730	Room	Emerg SW	GR AE		
Manufacturer, Model, Etc.	-				
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown SWEL. The space below each of the following questions may be used to receifindings. Additional space is provided at the end of this checklist for documents.	ord the res	ults of judgr	nents and		
Anchorage					
1. Is the anchorage configuration verification required (i.e., is the item one		Y X	N]	
of the 50% of SWEL items requiring such verification)? Adjacent to UPS-VITBS2-1-REG. Two section UPS welded to 3 base HSS m with an average of 16" of weld at each support. HSS channels are welded to embeds with 24" of weld for each HSS.					
		Y	N	U	N/A
2. Is the anchorage free of bent, broken, missing or loose hardware?		X			
		Y	N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation?		X			
		Y	N	U	N/A
4. Is the anchorage free of visible cracks in the concrete near the anchors?		X			
		Y	N	U	N/A
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Drawing SK-E02-0376-E-1-5 confirms anchor weld configuration as 12" of @3" o.c. for front and back) on each side of each HSS.	weld (2"	X			
		Y	N	U	7
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?		X		<u> </u>	J



Seismic Walkdo	wn Checklist (SWC)			Status:	(Y)	N	U
Equipment ID No	o. UPS-VITBS2-1	Equip. Class 16. Bat	tery Charge	ers and Inverte	rs		
Equipment Descr	ription <u>Vital BUS Un</u>	interruptible Power					
Interaction Effe	cts				• • •	-	
7. Are soft targets	s free from impact by nearby	equipment or structures?		Y	N	U	N/A
	equipment, distribution syste lock walls not likely to collar			Y	N	U	N/A
	Do attached lines have adequate flexibility to avoid damage? tached lines have adequate flexibility.					U	N/A
of potentially	above seismic interaction evaluation evaluation evaluation extended to adjacent UPS-VITBS2	ffects?		Y	N	U	
	Conditions ked for and found no other so ct the safety functions of the			Y	N	U	
Comments (Addi	itional pages may be added a	s necessary)					
	- this US hand	<u>C</u>					
Evaluated by:	Eddie M. Guerra	//.	Date:	10/10/2	012		
	Brian A. Lucarelli	λ	Date:	10/10/2	012		



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Seismic Walkdown Checklist (SWC)

Equipment ID No. UPS-VITBS2-1

Equip. Class 16. Battery Chargers and Inverters

Equipment Description

Vital BUS Uninterruptible Power

Other supporting or relevant documents and photos (if any):



File Name: UPS-VITBS2-1(1).jpg Description: Component Plate ID



File Name: UPS-VITBS2-1(2).jpg
Description: General View of Component



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Seismic Walkdown Checklist (SWC)

Equipment ID No. UPS-VITBS2-1

Equip. Class 16. Battery Chargers and Inverters

Equipment Description

Vital BUS Uninterruptible Power



File Name: UPS-VITBS2-1(3).jpg Description: View of Anchorage



File Name: UPS-VITBS2-1(4).jpg
Description: View of Flexible Top Lines



Seismic Walkdown Checklist (SWC)	Status:	\mathfrak{V}	N	U
Equipment ID No. <u>UPS-VITBS2-1-R</u> EG Equip. Class 4. Transformers				
Equipment Description Vital BUS NO. 1 UPS Bypass Regulating	* *			-
Location: Bldg. SRVB Floor El. 730 Room	Emerg SW	GR AE		
Manufacturer, Model, Etc.				
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an SWEL. The space below each of the following questions may be used to record the findings. Additional space is provided at the end of this checklist for documenting of	results of judgm			
Anchorage				
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Adjacent to UPS-VITBS2-1. Supported by channels welded to HSS, and HSS welded to floor embeds with 24" of weld for each HSS.	Y X	N		
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y	N	U	N/A
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Y	N	U	N/A
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y	N	U	N/A
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for	Y	N	U	N/A
which an anchorage configuration verification is required.) Drawing SK-E02-0376-E-1-5 confirms anchor weld configuration as 12" of weld (2 @3" o.c. for front and back) on each side of each HSS.	n			
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y X	N	U	



Seismic Walkdo	own Checklist (SWC)		Status:	W	N	U
Equipment ID No	o. <u>UPS-VITBS2-1-R</u> EG Equip. Class 4. Tran	sformers				
Equipment Descri	ription Vital BUS NO. 1 UPS Bypass Regulating					
Interaction Effe	ets			3.7	-	27/4
7. Are soft target	s free from impact by nearby equipment or structures?		Y	N	U	N/A
	equipment, distribution systems, ceiling tiles and lighting lock walls not likely to collapse onto the equipment?	Y	N	U	N/A	
	nes have adequate flexibility to avoid damage? ave adequate flexibility.		Y	N	U	N/A
of potentially	above seismic interaction evaluations, is equipment free adverse seismic interaction effects? Ited to adjacent UPS-VITBS2-1 at top of cabinets.		Y	N	U	I
	Conditions ked for and found no other seismic conditions that could cot the safety functions of the equipment?		Y	N	U U	
Comments (Add	itional pages may be added as necessary)				-	
	this M. Small					
Evaluated by:	Eddie M. Guerra	Date:	10/10/2	012	-	
	Brian A. Lucarelli	Date:	10/10/2	012	-	



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Seismic Walkdown Checklist (SWC)

Equipment ID No. UPS-VITBS2-1-REG

Equip. Class 4. Transformers

Equipment Description

Vital BUS NO. 1 UPS Bypass Regulating

Other supporting or relevant documents and photos (if any):



File Name: UPS-VITBS2-1-REG(2).jpg Description: Component Plate ID



File Name: UPS-VITBS2-1-REG(1).jpg
Description: View of Top Bolting of Cabinets



Status:

N
U

Seismic Walkdown Checklist (SWC)

Equipment ID No. UPS-VITBS2-1-REG

Equip. Class 4. Transformers

Equipment Description

Vital BUS NO. 1 UPS Bypass Regulating



File Name: UPS-VITBS2-1-REG(3).jpg Description: General View of Component



File Name: UPS-VITBS2-1-REG(4).jpg Description: View of Anchorage



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Seismic Walkdown Checklist (SWC)

Equipment ID No. <u>UPS-VITBS2-1-REG</u>

Equip. Class 4. Transformers

Equipment Description

Vital BUS NO. 1 UPS Bypass Regulating



File Name: UPS-VITBS2-1-REG(5).jpg Description: View of Flexible Top Lines