Seismic Walkdown Checklist	(SWC)					Status:	Y N U
Equipment ID No.:	1-PP-35W	 	2. 800 11 11	87 8.8 81 181			
Equipment Class:	(6) Vertical Pumps				de qî		<u></u>
Equipment Description:	WEST RESIDUAL HE	AT REM	IOVAL P	UMP	in. Pi		i e en
P9180835							

		Equipment ID No.: 1-PP-3W	
		Equipment Class: (5) Horizontal Pumps	
	E	Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP	
		Project: DC Cook 1 SWEL	
.oc	atio	n (Bldg, Elev, Room/Area):TB1, 591.00 ft, 51	
ile Janii		Manufacturer/Model:	
his SW	s ch EL.	etions for Completing Checklist ecklist may be used to document the results of the Seismic Walkdown of an item of equipment The space below each of the following questions may be used to record the results of judgme s. Additional space is provided at the end of this checklist for documenting other comments.	
	:ho 1.	rage Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Yes
	2.	Is the anchorage free of bent, broken, missing or loose hardware?	Yes
	3.	Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
	4.	Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
	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.)	Yes
	6.	Based on the above anchorage evaluations, is the anchorage free of	Yes

Interaction Effects

			s	tatus: Y N U
Seismic Walkdown	Checklist (SWC)			
Equipme	ent ID No.: <u>1-PP-3</u>	3W		
Equipm	ent Class: (5) Hor	rizontal Pumps		5. 5. 197 - 98 - 19 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198
Equipment De	escription: WEST	MOTOR DRIVEN AUXILIARY FEED	WATER PUMP	
7. Are soft targ	jets free from impac	ct by nearby equipment or structures?		Yes
		bution systems, ceiling tiles and lighti o collapse onto the equipment?	ng, and	Yes
9. Do attached	l lines have adequat	te flexibility to avoid damage?		Yes
	e above seismic int dverse seismic inte	teraction evaluations, is equipment fro	ee of	Yes
potentiality a				
Other Adverse Cor	ditions			
11. Have you lo	oked for and found	no adverse seismic conditions that c tions of the equipment?	ould	Yes
<u>Comments</u>				
Evaluated by:	Howy H. Dr.	George G Thomas	Date: _10/18	3/12
	Q 10			
	ann.	Neda Stoeva	10/18	3/12
Dhatas				
<u>Photos</u>				

Status: Y N U

Seismic Walkdown Checklist	(SWC)
Equipment ID No.:	1-PP-3W
	(5) Horizontal Pumps
	WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP
PP-3W Mass Danves Mass Danves	
P9170002	P9170003
P9170004	P9170005

Status: Y N U

Seismic Walkdown Checklist (SWC)

	Equipment ID No.:	1-PP-3W			1.1 ⁰⁰ 1.1	41 41
	Equipment Class:	(5) Horizontal Pumps				
	Equipment Description:	WEST MOTOR DRIVEN AUXILIARY	FEED	WATER P	UMP	
D017	2006	D0170007				

P9170006





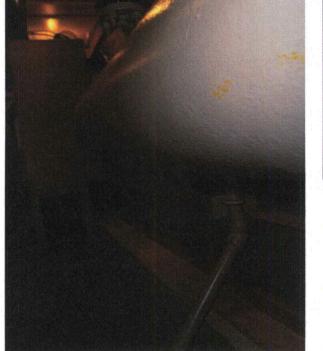
P9170008



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-PP-3W
Equipment Class:	(5) Horizontal Pumps
Equipment Description:	WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP
P-1	





P9170011

	tatus: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-PP-4	
Equipment Class: (5) Horizontal Pumps	
Equipment Description: TURBINE DRIVEN AUXILIARY FEED PUMP	
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): TB1, 591.00 ft, 50	21.
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of equ SWEL. The space below each of the following questions may be used to record the results of j findings. Additional space is provided at the end of this checklist for documenting other comme	udgments and
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	No
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
Can only see 7 out of 8 bolts, 1 bolt not visible because of other equipment in area	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
5. Is the anchorage configuration consistent with plant documentation? (Note:	Not Applicable
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 potentially adverse seismic conditions?	Yes

Interaction Effects

	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-PP-4	
Equipment Class: (5) Horizontal Pumps	
Equipment Description: TURBINE DRIVEN AUXILIARY FEED PUMP	
7. Are soft targets free from impact by nearby equipment or structures?	Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and	Yes
masonry block walls not likely to collapse onto the equipment?	103
9. Do attached lines have adequate flexibility to avoid damage?	Yes
10. Based on the above seismic interaction evaluations, is equipment free of	Yes
potentially adverse seismic interaction effects?	Tes
Other Adverse Conditions	
11. Have you looked for and found no adverse seismic conditions that could	No
adversely affect the safety functions of the equipment? Wet fire protection, rod hung threaded pipe - may develop leakage at	
threaded joints post seismic event	
	an and in a glan an ang an in an
Comments	
OKH H	
Evaluated by:	: 10/18/12
(Aluno)	
Neda Stoeva	10/18/12
	in the second
Director	

Photos

Status: Y N U

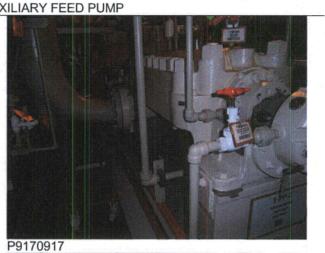
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1-PP-4

Equipment Class: (5) Horizontal Pumps

Equipment Description: TURBINE DRIVEN AUXILIARY FEED PUMP





P9170916







Status: Y N U

Seismic Walkdown Checklist (SWC)

	Equipment ID No.:	1-PP-4	ij.	-6-	6
	Equipment Class:	(5) Horizontal Pumps		-6-	949 10.
	Equipment Description:	TURBINE DRIVEN AUXILIARY FEED PUMP	D		
P917	0920	P9170921			



P9170922



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-PP-4
Equipment Class:	(5) Horizontal Pumps
Equipment Description:	TURBINE DRIVEN AUXILIARY FEED PUMP
	<image/>

Status:	Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-PP-50W	17 - 18
Equipment Class: _(5) Horizontal Pumps	
Equipment Description: WEST CENTRIFUGAL CHARGING PUMP	
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): _AB1, 587.00 ft, 41	
Manufacturer/Model:	87
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment of SWEL. The space below each of the following questions may be used to record the results of judgmen findings. Additional space is provided at the end of this checklist for documenting other comments.	on the its and
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? SQUG 1-PP-50W REV0 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
PAINTED	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
 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.) 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Interaction Effects

							- 		Status:	YNU
Seism	ic Walkdow	n Checklist	(SWC)							
	Equipm	ent ID No.:	1-PP-50W							
	· · · · · · · · · · · · · · · · · · ·		(5) Horizon	tal Pumps						
	Equipment [CHARGI		•			ili j
	Are soft tar									Yes
_		· ·					19 19 19 19			
8.			nt, distributic t likely to co				ing, and			Yes
9.	Do attache	d lines have	adequate fle	exibility to a	void dama	ge?				Yes
		а 			8		n. :			
10.			ismic interact			uipment fr	ee of			Yes
	1									
Service of the servic	Adverse Co	and a second			an ga an bui					
11.	Have you la adversely a		d found no a ety functions			ions that c	could			Yes
Comm	<u>ients</u>					:::::::::::::::::::::::::::::::::::::			na. Ál	
Evalua	ited by:	Youry Y	S. J. E.	- Georae	G Thomas		Dat	te: 10/	18/12	n 1
	, ·	<u>N</u>	0	30						norinili da canana interneti da canana d Canana da canana da ca
		(Mu	mf.							
		- un		Neda Stoe	eva			10/	18/12	

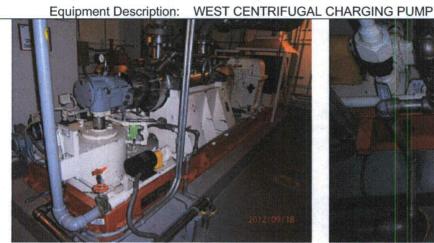
Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-PP-50W
Equipment Class:	(5) Horizon

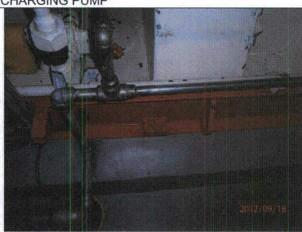
(5) Horizontal Pumps



P9180699



P9180701

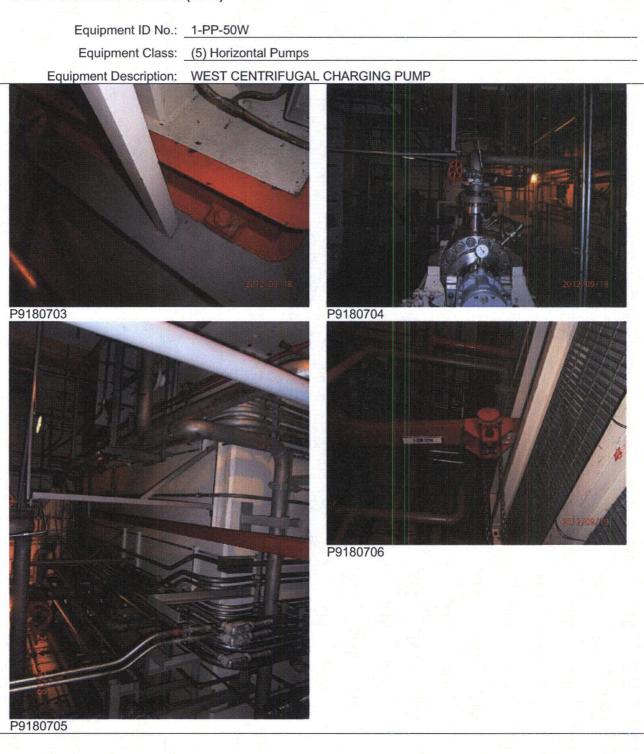


P9180700



Status: Y N U

Seismic Walkdown Checklist (SWC)



Status:	
Seismic Walkdown Checklist (SWC)	
Environment ID No. 4 DD 7W	
Equipment ID No.: 1-PP-7W	
Equipment Class: _(6) Vertical Pumps	
Equipment Description: WEST ESSENTIAL SERVICE WATER PUMP	
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): SH1, 591.00 ft, 136	
Manufacturer/Model:	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment of SWEL. The space below each of the following questions may be used to record the results of judgmen findings. Additional space is provided at the end of this checklist for documenting other comments.	
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? DWG 12-3684 REV14 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
 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.) 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

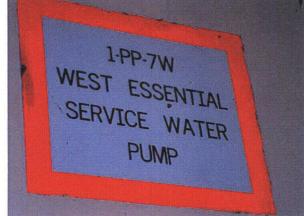
						Sta	atus: YNU
Seism	ic Walkdown Checklist	(SWC)					
	Equipment ID No.:	1-PP-7W					
	Equipment Class:	(6) Vertical Pu	mps		12 - 13 - 13	in the second	
	Equipment Description:	WEST ESSEN	ITIAL SER	VICE WATE	ER PUMP		
7.	Are soft targets free fro						Yes
	Permanent Scaffold a	round pump - R	ef DWG 1-:	3113C. Ger	neral Notes.		
8.	Are overhead equipment masonry block walls not Lights rod hung					b	Yes
9.	Do attached lines have	adequate flexib	ility to avoi	d damage?			Yes
*							
10.	Based on the above se potentially adverse seis			ns, is equipr	ment free of		Yes
					*: 		tin and the second s
Other	Adverse Conditions						
11.	Have you looked for an adversely affect the saf				s that could		Yes
<u>Comn</u>	nents						an angana ang angana angana angana angana angana
Evalua	ated by: June y). Die	George G	Thomas		ate: <u>10/18/</u>	12
	Alu	mf.	eda Stoeva	100 (10 100 TT, 10 100 TT, 10 10 10 10 10 10 10 10 10		10/18/	12

Photos

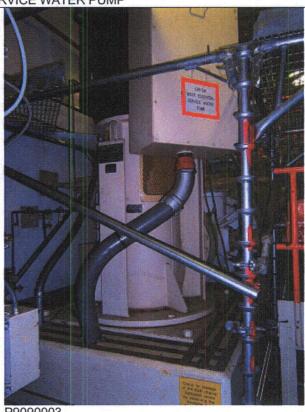
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:					
Equipment Class:	(6) Vertical Pumps		n. Granda - 1		
Equipment Description:	WEST ESSENTIAL	SERVICE V	VATER PUMP		



P9090002



Status: Y N U

Seismic Walkdown Checklist (SWC)

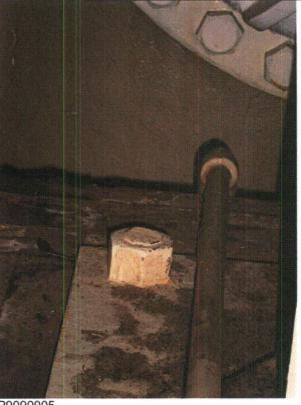
Equipment ID No.:	1-PP-7W		
	(0) \/==+!==1		

Equipment Class: (6) Vertical Pumps

Equipment Description: WEST ESSENTIAL SERVICE WATER PUMP



P9090004

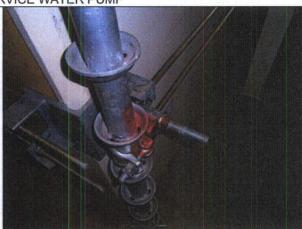


Status: Y N U

Seismic Walkdown Checklist (SWC)

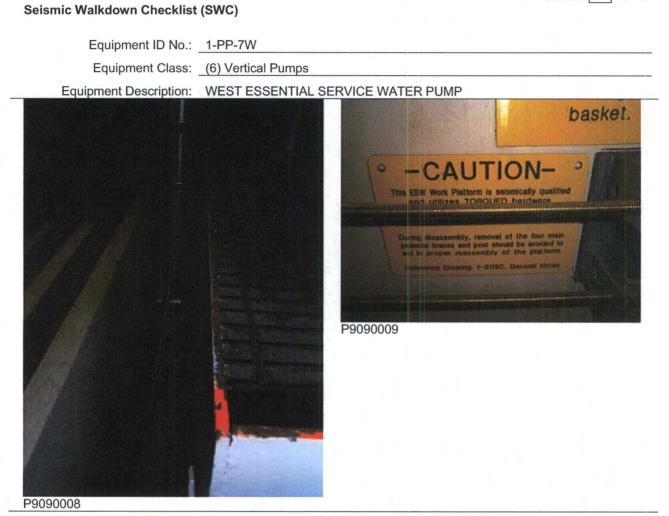
	Equipment ID No.:	1-PP-7W	á.
	Equipment Class:	(6) Vertical Pumps	
Ec	uipment Description:	WEST ESSENTIAL SERVICE WATER PUMP	





P9090007

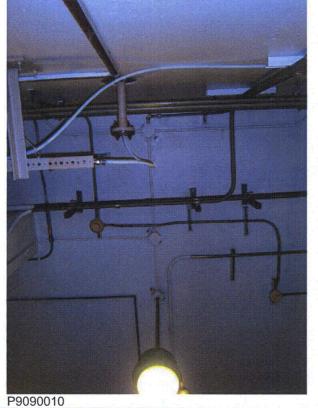
Status: Y N U



Status: Y N U

Seismic Walkdown Checklist (SWC)

1-PP-7W			6 gan. 499
(6) Vertical Pumps			
WEST ESSENTIAL SERVICE WATER PUMP			
	(6) Vertical Pumps	(6) Vertical Pumps	(6) Vertical Pumps



Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-PP-9W	
Equipment Class: (6) Vertical Pumps	
Equipment Description: WEST CONTAINMENT SPRAY PUMP	
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): _AB1, 573.00 ft, 52	
Manufacturer/Model:	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equip SWEL. The space below each of the following questions may be used to record the results of juc findings. Additional space is provided at the end of this checklist for documenting other comment	dgments and
 Anchorage 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? SQUG 1-PP-9W REV0 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
 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.) 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes
Interaction Effects	

Seism	nic Walkdown Checklist (SWC)	Status: Y N U
	Equipment ID No.: 1-PP-9W	
	Equipment Class: _(6) Vertical Pumps	
	Equipment Description: WEST CONTAINMENT SPRAY PUMP	
7.		Yes
8.	Are overhead equipment, distribution systems, ceiling tiles and lighting, a masonry block walls not likely to collapse onto the equipment? Block wall behind pump (small) - OK per DWG 12-4026, Wall W-9	nd Yes
9.	Do attached lines have adequate flexibility to avoid damage?	Yes
10.	Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Yes
	potentially adverse seisinic interaction eneols:	
Other	Adverse Conditions	
11.		Yes
Comm	nents	
Evalua	ated by:	Date: 10/18/12
	Alung. Noda Staava	10/19/12

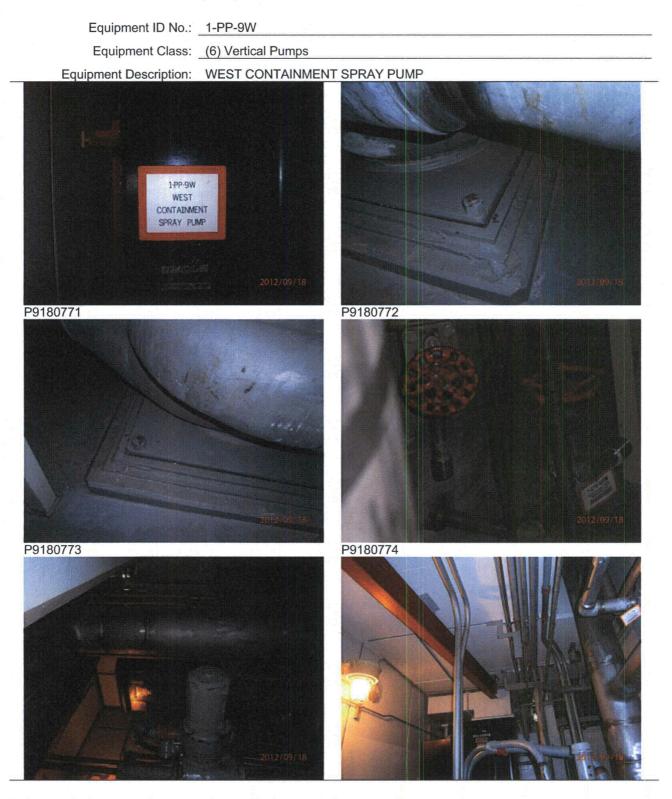
Neda Stoeva

10/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)



Status: Y N U

C-293

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-PP-9W	sis 1995		
Equipment Class:	(6) Vertical Pumps		 	
Equipment Description:	WEST CONTAINMENT SPRAY PUMP			

Equi P9180775

P9180776



Status: Y N U

	Equipment ID No.: <u>1-PS-A</u>	
	Equipment Class: (1) Motor Control Centers	
	Equipment Description: 600VAC MOTOR CONTROL CENTER PS-A	
	Project: DC Cook 1 SWEL	
Locatio	on (Bldg, Elev, Room/Area):SH1, 594.00 ft, 221	
	Manufacturer/Model:	
	ctions for Completing Checklist	
SWEL	necklist may be used to document the results of the Seismic Walkdown of an item of e . The space below each of the following questions may be used to record the results s. Additional space is provided at the end of this checklist for documenting other com	of judgments and
Ancho	rage	
1.	Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	No
2.	Is the anchorage free of bent, broken, missing or loose hardware?	Yes
-		
3.	Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4.	Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
4.	Is the anchorage free of visible cracks in the concrete near the anchors? Mounted to steel I-beam	Not Applicable
4.	inge speen verstering of the set of the se	Not Applicable
	Mounted to steel I-beam 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	
	Mounted to steel I-beam Is the anchorage configuration consistent with plant documentation? (Note:	Not Applicable
	Mounted to steel I-beam 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	
	Mounted to steel I-beam 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	

Interaction Effects

		Alm	nf. Ne	da Stoeva			10/18/12	1 n
Evalu	ated by:	Howy H.	and,	George G Th	omas	Date:	10/18/12	
Comr	<u>ments</u>		an ^{an} an an	41				
11.		u looked for and f y affect the safet				could		Yes
Other	Adverse (Conditions						
	potential	ly adverse seism	c interaction e	effects?				
10.		n the above seisr			is equipment	free of		Yes
9.	Do attac	ned lines have ad	lequate flexibi	litv to avoid o	lamage?			Yes
	masonry	block walls not li	kely to collaps	e onto the e	quipment?			
8.	Are over	head equipment,	distribution sv	stems, ceilin	a tiles and liat	nting, and		Yes
1.	Ale solut	argets nee nom	inpact by nea	rby equiprile	ni or structure	3:		103
7		t Description: 6 argets free from						Yes
	Equi	pment Class: <u>(</u>	I) Motor Contr	ol Centers		11) Anna - Anna Anna Anna Anna Anna Anna Ann		z i
	Equip	ment ID No.: 1	-PS-A					

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-PS-A
Equipment Class:	(1) Motor Control Centers
Equipment Description:	600VAC MOTOR CONTROL CENTER PS-A





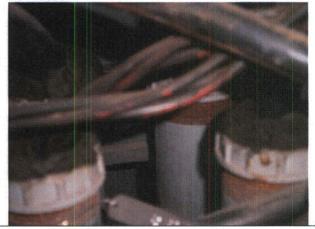
P9140563



P9140565







Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-PS-A	isi
Equipment Class:	(1) Motor Control Centers	
Equipment Description:	600VAC MOTOR CONTROL CENTER PS-A	
P9140567	P9140568	







P9140571



P9140572

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-PS-A	5 10000010-000-000-000-000-0	
Equipment Class:	(1) Motor Control Centers		
Equipment Description:	600VAC MOTOR CONTROL CENTER PS-A		



P9140573



Status: Y N U

Seismic Walkdown Checklist	t (SWC)		
Equipment ID No.:	1-PS-A		
Equipment Class:	(1) Motor Control Centers		
Equipment Description:	600VAC MOTOR CONTROL CENTER PS-A		
I I I I I I I I I I I I I I I I I I I	<image/>		
HV-ESW-6			
P9140575			
P9140577	P9140578		

Status: Y N U

	Equipment ID No. 1	OT 106 AF	5 4			
	Equipment ID No.:		51			
	Equipment Class: _(
	Equipment Description:			L FUEL OIL	FRANSFER PUMP #1	a an an Maria Maria Maria Maria Maria Maria
	Projec	:: DC Cook	1 SWEL			
Locatio	on (Bldg, Elev, Room/Area	: <u>AB2, 587</u>	7.00 ft, 126			Alfa (11) Electronic II, 111, 111, 1 1, 424 (11)
4	Manufacturer/Mode					an k ka
This cl SWEL	ctions for Completing Ch hecklist may be used to do The space below each of gs. Additional space is prov	cument the r the followin	g questions i	may be used	to record the results of	judgments and
Ancho	the second se		in in ni ni			
1.	Is anchorage configuration of SWEL items requiring			e., is the item	one of the 50%	Yes
	SQUG 1-QT-106-AB1 F					
2.	Is the anchorage free of I	oent broken	missing or l	oose hardwar	·e?	Yes
2.	to the anonorage nee of	Joint, Droken	, missing or i			100
3.	Is the anchorage free of	corrosion that	it is more tha	n mild surface	e oxidation?	Yes
4.	Is the anchorage free of	isible cracks	s in the conc	rete near the	anchors?	Yes
5.	Is the anchorage configu	ration consis	tent with pla	nt documenta	tion? (Note:	Yes
	This question only applie	s if the item i	is one of the			
	configuration verification	is required.)				
6.	Based on the above and potentially adverse seism			anchorage fr	ree of	Yes

Interaction Effects

					Status:	YNU
Seismic Walkdow	n Checklist (SWC)				
Equipm	ent ID No.: 1-QT	-106-AB1				
and the state	nent Class: (0) O	975 A 1975				
			SEL FUEL OIL TRAN	ISFER PUM	P #1	
			pment or structures?			Yes
	ad equipment, dist ock walls not likely		eiling tiles and lightir	ng, and		Yes
· · · · · · · · · · · · · · · · · · ·	an a	n an	n na			
9. Do attache	d lines have adequ	ate flexibility to av	oid damage?			Yes
	he above seismic i adverse seismic in		ons, is equipment fre	ee of		Yes
Other Adverse Co	nditions		and a second sec	197 		
11. Have you l			nic conditions that co ment?	ould		Yes
<u>Comments</u>						
Evaluated by:	Howy H. J.	George (G Thomas	Date:	10/18/12	
	Alunf). Neda Stoev	12		10/18/12	
		Theua Siller			10/10/12	19 19
<u>Photos</u>						

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-106-AB1
Equipment Class:	(0) Other
Equipment Description:	AB EMERGENCY DIESEL



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-106-AB1

Equipment Class: (0) Other

Equipment Description: AB EMERGENCY DIESEL FUEL OIL TRANSFER PUMP #1



P9140518



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-106-AB1
Equipment Class:	(0) Other
Equipment Description:	AB EMERGENCY DIESEL FUEL OIL TRANSFER PUMP #1



P9140520

C-304

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-QT-107-AB	
Equipment Class: (21) Tanks and Heat Exchangers	
Equipment Description: AB EMERGENCY DIESEL FUEL OIL DAY TANK	
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): AB1, 587.00 ft, 121	
 Manufacturer/Model:	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on t SWEL. The space below each of the following questions may be used to record the results of judgments a findings. Additional space is provided at the end of this checklist for documenting other comments.	
 Anchorage 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? SQUG 1-QT-107-AB REV0 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
5. Is the anchorage free of contosion that is more than mild surface oxidation:	103
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
 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.) 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Interaction Effects

Colomia Walleday	Charlelist (SW	0				Statu	is: Y N U
Seismic waikdo	wn Checklist (SW						
Equip	ment ID No.: <u>1-Q</u>	T-107-AB	:		21 5. 51 51	4,3	19
Equip	oment Class: _(21)) Tanks and Hea	at Exchar	ngers			1997 - 1997 1997 - 1997 - 1997 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1
	Description: AB						
7. Are soft ta	argets free from im	pact by nearby	equipmer	nt or structu	res?		Yes
masonry Fire exti	nead equipment, dis block walls not like inguishers on short WG 1-4033, Wall V	ly to collapse or hooks - AR 201	nto the ec	uipment?		هر ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰	No
				0			V
9. Do attach	ed lines have adec	quate flexibility t	o avoid d	amage?			Yes
	the above seismic y adverse seismic i			is equipmer	nt free of		No
Other Adverse C	onditions						
	looked for and fou affect the safety fu				at could		Yes
Comments				n _{en e} The second se The second se	oli allandana antiliordad atti atti		
Evaluated by:	Howy H. 2	In Geo	rge G Th	omas	Da	te: <u>10/18/12</u>	
	Alun	P. Neda S	Stoeva			10/18/12	
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Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-107-AB
Equipment Class:	(21) Tanks and Heat Exchangers
Equipment Description:	AB EMERGENCY DIESEL FUEL OIL DAY TANK
	and the second sec





P9130314



P9130316

P9130315





Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-107-AB	
Equipment Class:	(21) Tanks and Heat Exchangers	_
uipment Description:	AB EMERGENCY DIESEL FUEL OIL DAY TANK	
3	P9130319	

Equ P9130318



P9130320







Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-QT-130-AB2	
Equipment Class: (5) Horizontal Pumps	
Equipment Description: AB EMERGENCY DIESEL JACKET WATER PUMP #2	
Project: DC Cook 1 SWEL	12011.0000.400000.0000.00000000000000000
Location (Bldg, Elev, Room/Area): _AB1, 587.00 ft, 121	a alian and an and a second a se
Manufacturer/Model:	8 20
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipn SWEL. The space below each of the following questions may be used to record the results of jud findings. Additional space is provided at the end of this checklist for documenting other comments	gments and
 Anchorage 1. Is anchorage configuration verification required (i.e., is the item one of the 50% 	Yes
of SWEL items requiring such verification)?	
SQUG 1-QT-130-AB2	
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
	100
PAINTED	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
 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.) 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Interaction Effects

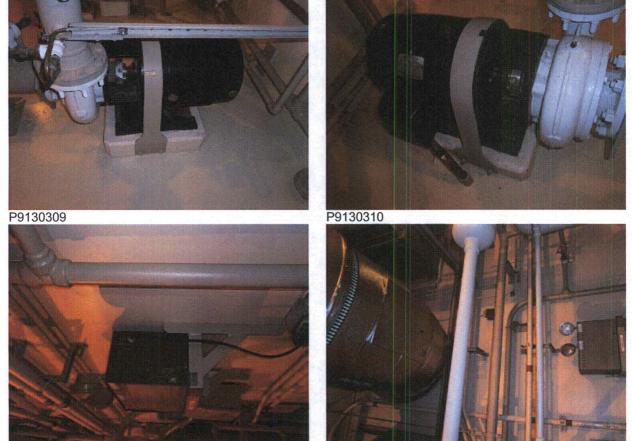
	Equipn	nent ID No.:	1-QT-1	130-AB2						
		ment Class:				β.] 	··			
		Description:				L JACKET V	WATER PU	MP #2		
7.		rgets free fro								 Yes
Q	Are overb	ead equipme	nt distri	bution ex	istoms co	ilina tiles and	liahtina a	nd		Yes
0.		lock walls no						nu		163
×.										
9.	Do attache	ed lines have	adequa	ite flexibi	ility to avoi	d damage?				Yes
10.		the above se				ns, is equipm	nent free of			Yes
	potentially	adverse seis	smic inte	eraction e	effects?					
19 19										
	Adverse Co	and the second			** ** **	: ** 	- 1			
11.		looked for an affect the sal					that could			Yes
Comn	onto									
Comm	lents									
	97. 197	No. Y	K	0		- 18 - 18			*	
Evalua	ated by:	your y	n Qu		George G	Thomas		Date:	10/18/12	
		AL.	. 0							
		Ull	mp.	Ne	eda Stoeva	й. 4 <u>4</u>			10/18/12	

C-310

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-130-AB2	 	
Equipment Class:	(5) Horizontal Pumps	. E	
Equipment Description:	AB EMERGENCY DIESEL JACKET WATER PUMP #2		



P9130311

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1-QT-141-AB1

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AB EMERGENCY DIESEL STARTING AIR RECEIVER #1

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB1, 587.00 ft, 121

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% No of SWEL items requiring such verification)?
- 2. Is the anchorage free of bent, broken, missing or loose hardware?
- 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes
- 4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes
- 5. Is the anchorage configuration consistent with plant documentation? (Note: Not Applicable 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 Yes potentially adverse seismic conditions?

Interaction Effects

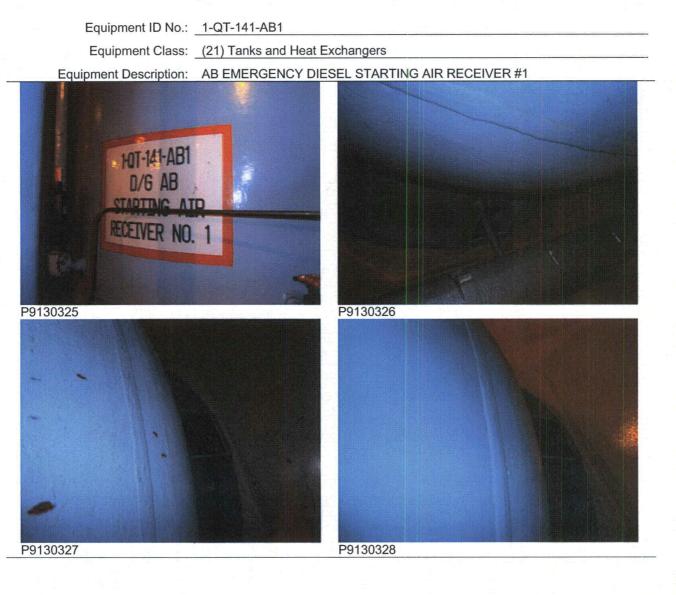
Yes

					Status:	YNU
Seismic Walkdown	Checklist (SWC))				N 8
Equipmer	nt ID No.: <u>1-QT</u>	-141-AB1	ja Pa ea	2 3	303 100	-2011
Equipme	ent Class: <u>(21)</u> 1	Fanks and Heat Ex	changers	6. 		
Equipment De	scription: AB E	MERGENCY DIES	EL STARTING AIR F	RECEIVER #1		
			oment or structures?			Yes
masonry bloc Fire extingu	ck walls not likely	to collapse onto th ooks - AR 2012-11	eiling tiles and lightin e equipment? 669 was issued. Bloo			No
9. Do attached	lines have adequ	ate flexibility to avo	oid damage?			Yes
				* *		
		nteraction evaluation effects?	ons, is equipment free	e of		No
Other Adverse Con	ditions					
		d no adverse seisn actions of the equip	nic conditions that co ment?	uld		Yes
<u>Comments</u>			en e			
Evaluated by:	J. It would	George C	G Thomas	Date: _10)/18/12	
	Alunf). Neda Stoev	/a	10)/18/12	
				Alternational and a second and		
Photos						

C-313

Status: Y N U

Seismic Walkdown Checklist (SWC)



C-314

Status: Y N U

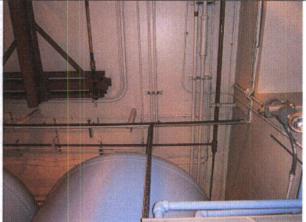
Seismic Walkdown Checklist (SWC)

Equipment	ID	No.:	1-QT-141-AB1

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: AB EMERGENCY DIESEL STARTING AIR RECEIVER #1





Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-141-AB1
Equipment Class:	(21) Tanks and Heat Exchangers
Equipment Description:	AB EMERGENCY DIESEL STARTING AIR RECEIVER #1



Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-QT-142-AB1	14 88 84 89
Equipment Class: (12) Air Compressors	
Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESS	OR #1
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): AB1, 587.00 ft, 121	
Manufacturer/Model:	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item o SWEL. The space below each of the following questions may be used to record the result findings. Additional space is provided at the end of this checklist for documenting other co	ts of judgments and
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? DWG 12-3462 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
Compressor on steel skid on concrete grout pad, anchored at base of skid.	
 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.) 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

	Equipment ID No.: 1-QT-142-AB1	
	Equipment Class: (12) Air Compressors	
	Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #1	
7.		Ye
8.	Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	Ye
9.	Do attached lines have adequate flexibility to avoid damage?	Ye
υ.		10.
10.	Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Ye
		1111 1111 1111 1111 1111 1111 1111 1111 1111
Other	Adverse Conditions	
2.12	Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?	Ye
11.		
11.		
	<u>ients</u>	
Comm		
Comm	the word the for	

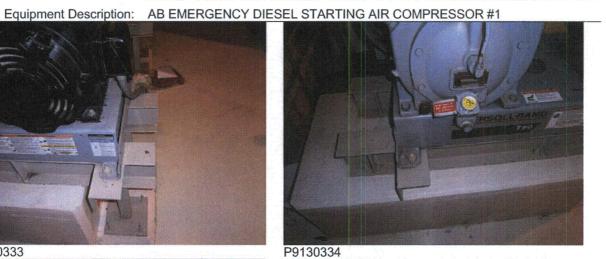
Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-142-AB1		
Equipment Class:	(12) Air Compressors		





P9130333



QT-142-A8 14 D'10

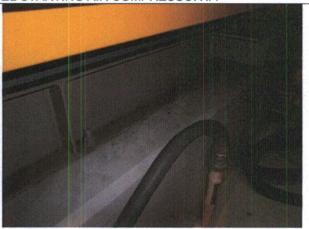
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-142-AB1		
Equipment Class:	(12) Air Compressors		

Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #1





P9130338





P9130339

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-142-AB1

Equipment Class: (12) Air Compressors

Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #1



0100011

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-QT-506	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: TURBINE DRIVEN AUX FEED PUMP PP-4 TRIP AND THI	ROTTLE VALVE
Project: DC Cook 1 SWEL	
Location (Pldg Elov Boom/Aroo): TP1 501 00 ft 50	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of e 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 com	of judgments and
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	No
2. Is the anchorage free of bent, broken, missing or loose hardware?	Not Applicable
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Not Applicable
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
5. Is the anchorage configuration consistent with plant documentation? (Note:	Net Applicable
 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.) 	Not Applicable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes
에 : 이 아들 이 아들이 : (이 아들이 : (이 아들이 가 아들이 가 아들이 가 아들이 가	
Interaction Effects	

Status: Y N U

Seism	ic Walkdown Chec	klist (SWC)					
	Equipment ID I	No.: <u>1-QT-506</u>	18 181 181 181		10 11	18 18 181	e:
	Equipment Cla	ass: (8) Motor-	Operated and Sol	enoid-Operated Va	alves		
1	Equipment Descript	tion: TURBINE	DRIVEN AUX FE	ED PUMP PP-4 T	RIP AND	THROTTLE	VALVE
7.	Are soft targets fre						Yes
	Right up against	pipe insulation					
8.	Are overhead equi masonry block wa				, and		Yes
9.	Do attached lines	have adequate f	flexibility to avoid c	amage?			Yes
10.	Based on the abov	ve seismic intera	action evaluations,	is equipment free	of		Yes
	potentially adverse			an an Anna an Anna Anna			
Other /	Adverse Condition	IS	his?				an An an
11.	Have you looked for adversely affect the				ld		Yes
<u>Comm</u>	<u>ients</u>			n an ann an Airte an Airte an Airte an Airt	19. 19. 28	in a second spectra sp spectra spectra spe	
Evalua	ted by:	+ 31. Jul	George G Th	omas	_ Date:	_10/18/12	
	P	Jung.	Neda Stoeva			10/18/12	
	all as						
Dhata				11 11 1. 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110 - 1110	а. (1		
Photos							

Status: Y N U

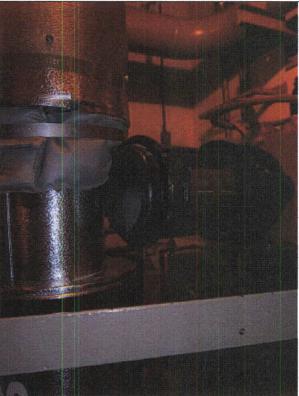
Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-QT-506	
Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves	









P9170022





P9170927

Status: Y N U

Seismic Walkdown Checklist (SWC)	50 (F
Equipment ID No.: 1-RC	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Equipment Description: REACTOR CONTROL RODS CONTROL PANEL	
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123	
Manufacturer/Model:	
Instructions for Completing Checklist	andy, and a second s In the second sec
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 con	of judgments and
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	No
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
Welded to embedded plates front and back through shim plates on back and unistrut in front	
 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.) 	Not Applicable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Interaction Effects

DC Cook Unit 1 & Unit 2

SD-121023-001 Rev. 0, 11/0	
Status: Y N	U

	Equipm	nent ID No.: 1	-RC						
	Equipr	ment Class: _(2	20) Instrumer	ntation and Control	Panels and Ca	abinets	iii 		
	Equipment [Description: F	EACTOR CO	ONTROL RODS CO	ONTROL PAN	EL			
7.	Are soft tai	rgets free from	impact by ne	arby equipment or	structures?				Yes
8.	masonry b		kely to collap	ystems, ceiling tile se onto the equipn DWG 12-4070		and			Yes
9.	Do attache	ed lines have ac	lequate flexib	ility to avoid dama	ge?				Yes
10.		he above seisr adverse seism		n evaluations, is eq effects?	uipment free c	of			Yes
Other	Adverse Co	onditions							
	Have you I	ooked for and f		erse seismic condit the equipment?	ions that could	1			Yes
				3 		10	H Art		k" k"
Comm	<u>nents</u>			and the second s		1. 1 .		201 19	
Evalua	ated by:	Honey H.	2nd	George G Thomas	5	_ Date:	10/18/12	1991 1991 1991	
		Alu	nf.	eda Stoeva	The state of the s		10/18/12	14 11. 12.	1.4

Photos

Seismic Walkdown Checklist (SWC)

Status: Y N U

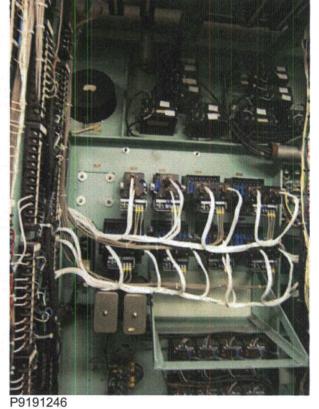
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1-RC

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: REACTOR CONTROL RODS CONTROL PANEL





P9191245



P9191247

C-327

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: <u>1-RPS-B</u>	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION	4
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123	no l'anni ann an dù tha Dallan ains à th
Manufacturer/Model:	ii înj
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equip SWEL. The space below each of the following questions may be used to record the results of ju findings. Additional space is provided at the end of this checklist for documenting other commen	idgments and
 Anchorage 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	Yes
SQUG 1-RPS-B REV0	
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
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.) Panel welded to embedded plates through shim plates	Not Applicable
6. Based on the above anchorage evaluations, is the anchorage free of	Yes
potentially adverse seismic conditions?	

Interaction Effects

Seism	ic Walkdown Checklist	(SWC)	Status:	YN U
	Equipment ID No.:	1-RPS-B		
		(20) Instrumentation and Control Panels and Cabinets		
7.		REACTOR PROTECTION AND SAFEGUARD ACTUA m impact by nearby equipment or structures?	TION	Yes
8.	masonry block walls no	nt, distribution systems, ceiling tiles and lighting, and ot likely to collapse onto the equipment? <i>K - clipped per DWG 12-4070</i>		Yes
9.	Do attached lines have	adequate flexibility to avoid damage?		Yes
10.	Based on the above se potentially adverse seis	ismic interaction evaluations, is equipment free of smic interaction effects?		Yes
Other	Adverse Conditions			
11.		d found no adverse seismic conditions that could fety functions of the equipment?		Yes
<u>Comm</u>	nents		الاسلام المسلم على إن المحسن المسلم المسلم المحسم المحسم المحسم المحسم المحسم المحسم المحسم المحسم المحسم المح المحسم المحسم المحسم محسم المحسم ا	
Evalua	ated by:	George G Thomas Date:	10/18/12	alaania dha waxaa ay ahaan aha 199
	Alle	mf.		
		Neda Stoeva	10/18/12	nii an
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C-329

Status: Y N U

Seismic Walkdown Checklist (SWC)

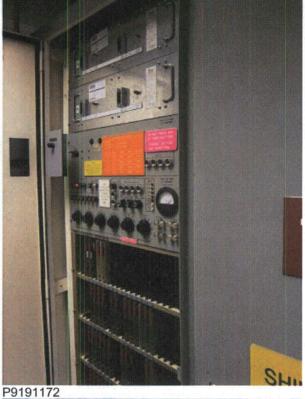
Equipment ID No.: 1-RPS-B					
Equipment Class: (20) Instrumentation a	(20) Instrumentation and Control Panels and Cabinets				
Equipment Description: REACTOR PROTECT	tion: REACTOR PROTECTION AND SAFEGUARD ACTUATION				
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Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-RPS-B
Equipment Class:	(20) Instrumentation and Control Panels and Cabinets
Equipment Description:	REACTOR PROTECTION AND SAFEGUARD ACTUATION







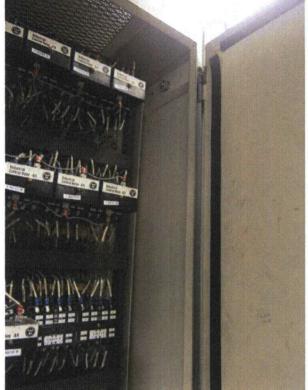


Status: Y N U

Seismic Walkdown Checklist (SWC)

F

E	quipment ID No.:	1-RPS-B	
E	Equipment Class:	(20) Instrumentation and Control Panels and Cabinets	
quipr	ment Description:	REACTOR PROTECTION AND SAFEGUARD ACTUATION	





P9191175



P9191177

Status: Y N U

Equipment ID No.: <u>1-RPST-B</u> Equipment Class: (20) Instrumentation and Control Panels and Cabinets Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION Project: DC Cook 1 SWEL Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123 Manufacturer/Model: Instructions for Completing Checklist Instructions for Completing Checklist Manufacturer/Model: Indiregs. Additional space is provided at the end of this checklist for documenting other comments. Manufacturer/Model: Anchorage Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No 1. Is the anchorage free of bent, broken, missing or loose hardware? Yes 3. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right comer Stot Applicable 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.) Not Applicable	Seismic Walkdown Checklist (SWC)	
Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION Project: DC Cook 1 SWEL Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123 Manufacturer/Model: 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 No 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No 2. Is the anchorage free of bent, broken, missing or loose hardware? Yes 3. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner Not Applicable This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Not Applicable 6. Based on the above anchorage evaluations, is the anchorage free of Yes	Equipment ID No.: 1-RPST-B	
Project: DC Cook 1 SWEL Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123 Manufacturer/Model: 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 No 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No 2. Is the anchorage free of bent, broken, missing or loose hardware? Yes 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner Not Applicable 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.) Not Applicable	Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123 Manufacturer/Model: 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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No 2. Is the anchorage free of bent, broken, missing or loose hardware? Yes 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner Not Applicable This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Not Applicable	Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION	
Manufacturer/Model: 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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No 2. Is the anchorage free of bent, broken, missing or loose hardware? Yes 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner Not Applicable This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Not Applicable	Project: DC Cook 1 SWEL	
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 anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No 2. Is the anchorage free of bent, broken, missing or loose hardware? Yes 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner Not Applicable 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.) Not Applicable	Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123	
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 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Is the anchorage free of bent, broken, missing or loose hardware? Yes Is the anchorage free of corrosion that is more than mild surface oxidation? Yes 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner Not Applicable 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 is required.) Not Applicable	Manufacturer/Model:	
1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No 2. Is the anchorage free of bent, broken, missing or loose hardware? Yes 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner Not Applicable 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.) Not Applicable 6. Based on the above anchorage evaluations, is the anchorage free of Yes Yes	This checklist may be used to document the results of the Seismic Walkdown of an item of eq SWEL. The space below each of the following questions may be used to record the results o	f judgments and
of SWEL items requiring such verification)? 2. Is the anchorage free of bent, broken, missing or loose hardware? Yes 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner Not Applicable 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.) Not Applicable 6. Based on the above anchorage evaluations, is the anchorage free of Yes	- Mandalan - Mandala Mandalan - Electronic - Elec	
 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner 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.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes 		No
 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner 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.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes 		
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 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable <i>Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner</i> 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.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes 	2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable <i>Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner</i> 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.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes 		
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 Panel welded to embedded plate through shim plates - there is spalling around top of embed plate on front right corner 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.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes 		
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 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 Yes 		
	This question only applies if the item is one of the 50% for which an anchorage	Not Applicable
		Yes

Interaction Effects

				Status:	NU
Seismic Walkdov	wn Checklist (SWC)				
Equip	ment ID No.: 1-RPST-B				
Equip	oment Class: (20) Instru	imentation and Control	Panels and Cabinet	ts	
Equipment	Description: REACTOR	R PROTECTION AND	SAFEGUARD ACTL	JATION	ai ai
7. Are soft ta	argets free from impact b	y nearby equipment or	structures?		Yes
masonry	nead equipment, distributi block walls not likely to co eiling tiles - OK - clipped	ollapse onto the equipr	es and lighting, and nent?		Yes
9. Do attach	ed lines have adequate f	lexibility to avoid dama	ge?		Yes
	the above seismic intera y adverse seismic interac		uipment free of		Yes
1					
Other Adverse C	onditions	انبة 1947 1951 - 1951 - 1957			<i>1</i> -
	looked for and found no affect the safety function		tions that could		Yes
<u>Comments</u>	n an	ana ang pangana ang pangan Ang pangana ang			
Evaluated by:	How M. Jone	George G Thoma	s Date	e: 10/18/12	
	Alung.	Neda Stoeva		10/18/12	

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: <u>1-RPST-B</u> Equipment Class: <u>(20)</u> Instrumentation and Control Panels and Cabinets

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION

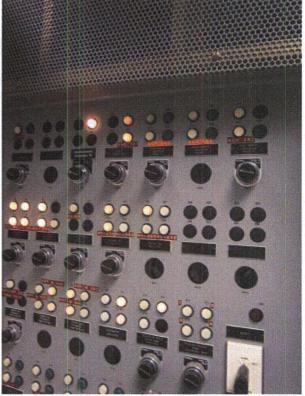








P9191185



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1-RPST-B

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION





P9191189





P9191190

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-RPST-B	
Equipment Class:	(20) Instrumentation and Control Panels and Cabinets	
ipment Description:	REACTOR PROTECTION AND SAFEGUARD ACTUATION	



Status: Y N U

Seismic Walkdown Checklist (SWC)	
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E ou uins no o u	+ ID No.	1 DDCV D
Equipmer	Π Π I	1-RPSX-B
Equiprilo		

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION

Project: DC Cook 1 SWEL

Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123

Manufacturer/Model:

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 anchorage configuration verification required (i.e., is the item one of the 50% No of SWEL items requiring such verification)?
- 2. Is the anchorage free of bent, broken, missing or loose hardware?
 - 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes
- 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

Panel welded to embedded plates through shim plates

- 5. Is the anchorage configuration consistent with plant documentation? (Note: Not Applicable 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 Yes potentially adverse seismic conditions?

Interaction Effects

Yes

Status: Y N U

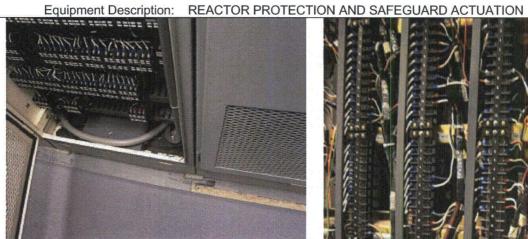
Seismic Walkde	own Checklist	(SWC)			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19	
Equi	pment ID No.:	1-RPSX-B				
		(20) Instrumentation	on and Control Par	nels and Cabinet	S	
		REACTOR PROT				
		m impact by nearby			····	Yes
masonry	/ block walls no	nt, distribution syste ot likely to collapse o W - clipped per DW	onto the equipment			Yes
9. Do attac	hed lines have	adequate flexibility	to avoid damage?			Yes
		ismic interaction events interaction effe		ment free of		Yes
Other Adverse						Vee
		nd found no adverse fety functions of the		s that could		Yes
	17 - 1940. 					
25 6.				K4 19 1	e ge	
<u>Comments</u>						
Evaluated by:	Howy J). June Ger	orge G Thomas	Date	e: 10/18/12	
	â	D I				
	Ul	Meda	Stoeva		10/18/12	
	an 19	Neua	0.0074		10/10/12	a di interneti in di bana B
					e en det een	
Photos				1221 22 1221 24 1221 24 1221 24 1221	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19	-28

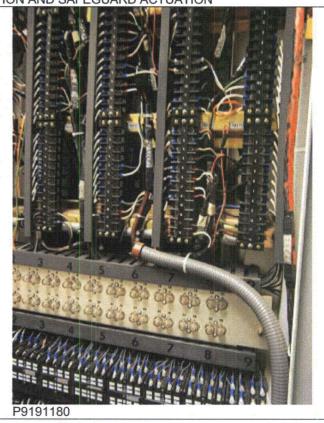
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1-RPSX-B

Equipment Class: (20) Instrumentation and Control Panels and Cabinets





Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1-RPSX-B

Equipment Class: (20) Instrumentation and Control Panels and Cabinets







P9191182

Status: Y N U

Seismic Walkdown Checklist (SWC)	status: <u>Y</u> NU
Equipment ID No.: _1-SG	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	6 ²¹
Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CONTR	ROL
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123	
Manufacturer/Model:	341 934 4
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equ SWEL. The space below each of the following questions may be used to record the results of j findings. Additional space is provided at the end of this checklist for documenting other comme	udgments and
 Anchorage 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? SQUG 1-SG REV1 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
Embedded plates welded to shim plates in back (3 plates) and welded to unistrut in the front	
 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.) 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Seism	ic Walkdown Checklist (SWC)	Statu	s: Y]N U
	Equipment ID No.: 1-SG			
	Equipment Class: (20) Instrumentation and Control Panels and Cabinets	2	aja:	
	Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CO	VTROL	10. 1	
	Are soft targets free from impact by nearby equipment or structures?		ka	Yes
8.	Are overhead equipment, distribution systems, ceiling tiles and lighting, and			Yes
	masonry block walls not likely to collapse onto the equipment?			
	Check ceiling tiles - OK - clipped per DWG 12-4070			
9.	Do attached lines have adequate flexibility to avoid damage?			Yes
10.				Yes
	potentially adverse seismic interaction effects?			
	Adverse Conditions			
11.	Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?			Yes
	adversely allest the salety functions of the equipment?			
Comm	ents			
	ted by:			
Evalua	ted by: George G Thomas Date: 10)/18/12		

Neda Stoeva

Photos

Aunf.

10/18/12

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-SG	12 - Ba 28
Equipment Class: (20) Instrumentation and	Control Panels and Cabinets
Equipment Description: STEAM GENERATOR	AND AUXILIARY FEED PUMP CONTROL
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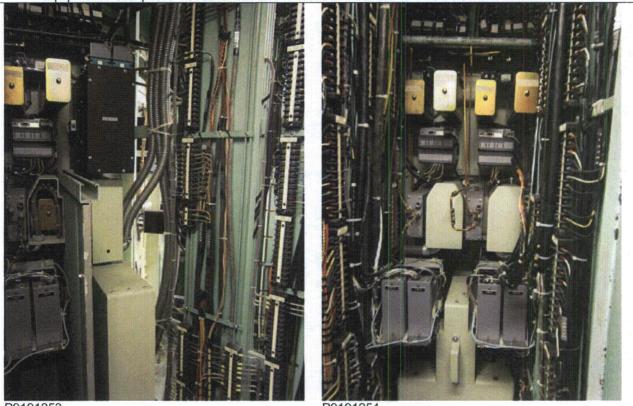
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1-SG

Equipment Class: (20) Instrumentation and Control Panels and Cabinets

Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CONTROL



P9191253

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-SIS	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Equipment Description: SAFETY INJECTION CONTROL PANEL	
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): AB1, 633.00 ft, 123	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of eq SWEL. The space below each of the following questions may be used to record the results o findings. Additional space is provided at the end of this checklist for documenting other comm	f judgments and
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? SQUG 1-SIS 	Yes
3406 1-313	
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
2. In the enchances from of correction that is more than mild surface suidation?	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
Panel welded to embedded plate through thick shim plates	
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.) SQUG SEW package for 1-SIS was incomplete and did not contain the detailed information or sketches of the anchorage configuration. AR 2012- 13310, Panel 1-SIS anchorage documentation could not be located was generated as a result	No
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	No

Interaction Effects

Status: Y N U

Seismic Walkdow	n Checklist	(SWC)						
Equipm	ent ID No.:	1-SIS	- 10 - 			10. 		
Equipn	nent Class:	(20) Instrum	entation and	d Control P	anels and	Cabinets		
Equipment D	Description:	SAFETY IN	JECTION C	ONTROL F	PANEL			
7. Are soft tar								Yes
masonry bl	ock walls no	nt, distributior t likely to coll K - <i>clipped pe</i>	apse onto th	ne equipme		ı, and		Yes
9. Do attache	d lines have	adequate flex	kibility to ave	oid damage	e?			Yes
		smic interact mic interactic		ons, is equi	ipment free	of		Yes
Other Adverse Co	nditions		1		e in the second s	iilikdigelkel _{po} eter oos Ge	in the second	
11. Have you lo	ooked for an	d found no ac ety functions			ons that cou	ld		Yes
			an a		*** 	ananalii ee iini aanai	iii 	
<u>Comments</u>			**		alui		in .	
Evaluated by:	Henry H	. Ing	- George C	G Thomas	sia 111	_ Date:	10/18/12	98 98
	(A)	0						
	Ou	mp.					10110110	
			Neda Stoev	/a		12 	10/18/12	

Status: Y N U

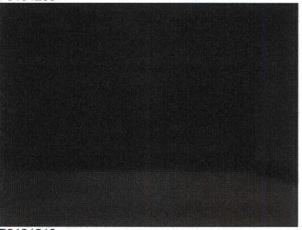
Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-SIS
Equipment Class:	(20) Instrumentation and Control Panels and Cabinets
Equipment Description:	SAFETY INJECTION CONTROL PANEL

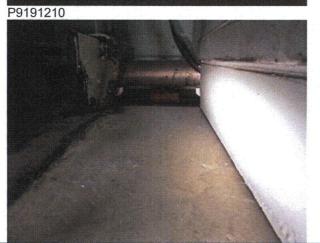




P9191208











Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	1-SIS	
Equipment Class:	(20) Instrumentation and Control Panels and Cabinets	
Equipment Description:	SAFETY INJECTION CONTROL PANEL	
P9191212	P9191213	

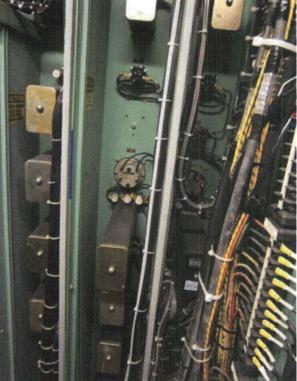


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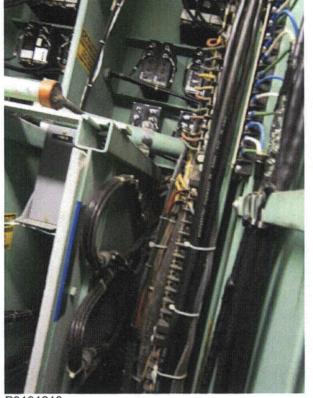




Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No .:	1-SIS
Equipment Class:	(20) Instrumentation and Control Panels and Cabinets
Equipment Description:	SAFETY INJECTION CONTROL PANEL



P9191218

C-350

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1-SPY	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Equipment Description: CONTAINMENT SPRAY CONTROL PANEL	
Project: DC Cook 1 SWEL	
Location (Bldg, Elev, Room/Area): _AB1, 633.00 ft, 123	
Manufacturer/Model:	
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	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	No
2. Is the anchorage free of bent, broken, missing or loose hardware?	/es
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	/es
4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applica	ble
Panel welded to embedded plate through shim plates - 2 places	
 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.) 	ble
 Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? 	res

Interaction Effects

					Status:	YN U
Seismic Walkdo	wn Checklist (SWC)				otatao.	
Equip	ment ID No.: 1-SP	Y				
	Equipment Class: (20) Instrumentation and Control Panels and Cabinets					
	t Description: CON					
	argets free from impa					Yes
8. Are overh	nead equipment, dist	ribution systems, cei	ling tiles and lightir	ng, and		Yes
	block walls not likely ceiling tiles - OK - clip					
9. Do attach	ned lines have adequ	ate flexibility to avoid	d damage?			Yes
10 5 1						
	the above seismic in y adverse seismic int		s, is equipment fre	e of		Yes
Other Adverse C						40 A
	I looked for and found affect the safety fund			ould		Yes
ala an						
<u>Comments</u>						
Evaluated by:	Howy M. J.	George G 1	Thomas	Date:	10/18/12	
						·····
	Munt				10/10/10	
		Neda Stoeva	ii National California (New York, 1997) National California (New York, 1997) National California (New York, 1997)		10/18/12	

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

