Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-QT-130-AB2

Equipment Class: (5) Horizontal Pumps

Equipment Description: AB EMERGENCY DIESEL JACKET WATER PUMP #2 P9130441 P9130442

C-698

Status: Y N U

Seismic Walkdown Checklist (SWC)				
Equipment ID No.: 2-QT-141-AB1				
Equipment Class: (21) Tanks and Heat Exchangers				
Equipment Description: AB EMERGENCY DIESEL STARTING AIR RECEIVER #1				
Project: DC Cook 2 SWEL				
Location (Bldg, Elev, Room/Area): _AB2, 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				
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? SQUG 2-QT-141-AB1 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				
 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 potentially adverse seismic conditions?				

Interaction Effects

Seismic Walkdov	vn Checklist (SWC)				Status	: <u>Y</u> N U
	nent ID No.:		31				
	1973 	· · · · · · · ·	nd Heat Excha	ingers	1990-1990 - 1990-1990-1990-1990-1990-199	57 57	
				STARTING AI	R RECEIVER	#1	
				ent or structure			Yes
			systems, ceilin pse onto the e	ng tiles and ligh quipment?	nting, and		Yes
9. Do attache	ed lines have a	adequate flexi	ibility to avoid	damage?			Yes
	the above seis adverse seisr			, is equipment	free of		Yes
Other Adverse Co	onditions						
11. Have you	looked for and		verse seismic of the equipme		could		Yes
Comments	an a			n na serie de la companya de la comp (1) - An		en de la companya de La companya de la comp	
Evaluated by:	Howy H	. Int.	George G TI	nomas	Date:	10/18/12	ini
	Alu	m.	Neda Stoeva			10/18/12	
						10/10/12	

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-QT-141-AB1	
Equipment Class:	(21) Tanks and Heat Exchangers	
Equipment Description:	AB EMERGENCY DIESEL STARTING AIR RECEIVER #1	

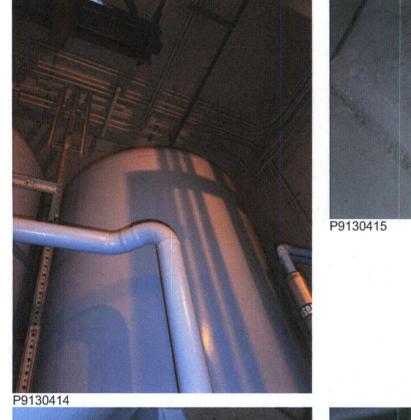




Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-QT-141-AB1		a să Le statul companymente.	
Equipment Class:	(21) Tanks and Heat Exchangers			
Equipment Description:	AB EMERGENCY DIESEL STARTING AIR RECEIVER #1			





P9130416

Status: Y N U

C-703

Seismic Walkdown Checklist (SWC)

Equipment ID No .:	2-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.: 2-QT-142-AB2	
Equipment Class: _(12) Air Compressors	
Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #2	
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): _AB2, 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 of SWEL. The space below each of the following questions may be used to record the results of judgment 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 12-3462-33 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
	2)
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: Y N U

Seismic Walkdov	wn Checklist (SWC)	
Equipr	oment ID No.: 2-QT-142-AB2	
Equip	pment Class: _(12) Air Compressors	
Equipment	t Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #2	
	argets free from impact by nearby equipment or structures?	No
Fire extir	inguishers on short hooks - AR 2012-11669 was issued.	
	nead equipment, distribution systems, ceiling tiles and lighting, and block walls not likely to collapse onto the equipment?	Yes
9. Do attache	ned lines have adequate flexibility to avoid damage?	Yes
	n the above seismic interaction evaluations, is equipment free of y adverse seismic interaction effects?	No
Other Adverse Co	Conditions	
	u looked for and found no adverse seismic conditions that could affect the safety functions of the equipment?	Yes
<u>Comments</u>		
Evaluated by:	Mary M. J. George G Thomas Date: 10/18/12	
	Olump. Neda Stoeva 10/18/12	

Photos

Status: Y N U

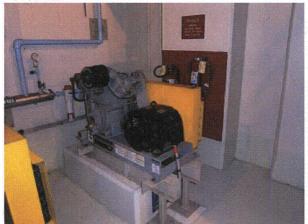
Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-QT-142-AB2
Equipment Class:	(12) Air Compressors

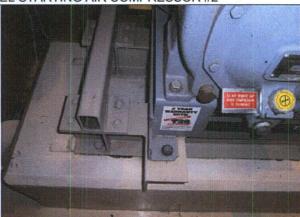
Equipment Description: AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #2



P9130422



P9130424



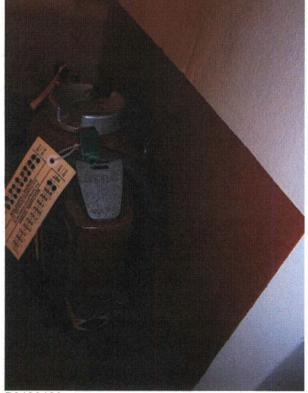
P9130423



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-QT-142-AB2
Equipment Class:	(12) Air Compressors
Equipment Description:	AB EMERGENCY DIESEL STARTING AIR COMPRESSOR #2





P9130427

	Status: Y N L
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-QT-506	76
Equipment Class: _(8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: TURBINE DRIVEN AUXILIARY FEED PUMP PP-4 TRIP	AND
Project: DC Cook 2 SWEL	a. Internetina a see a construction de la construction de la construction de la construction de la construction
Location (Bldg, Elev, Room/Area): TB2, 591.00 ft, 49	
Manufacturer/Model:	an an ann an Anna an An Anna an Anna an
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 control of the space of	s 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
 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

	St	atus: Y N U
Seismic Walkdow	wn Checklist (SWC)	
Equipr	ment ID No.: 2-QT-506	
• •	oment Class: (8) Motor-Operated and Solenoid-Operated Valves	
	Description: TURBINE DRIVEN AUXILIARY FEED PUMP PP-4 TRIP AND	
7. Are soft ta	argets free from impact by nearby equipment or structures?	Yes
	ead equipment, distribution systems, ceiling tiles and lighting, and block walls not likely to collapse onto the equipment?	Yes
9. Do attache	ed lines have adequate flexibility to avoid damage?	Yes
er and bit ar	the above seismic interaction evaluations, is equipment free of	
10. Based on potentially	Yes	
Other Adverse C	andikiana	
Other Adverse Co	looked for and found no adverse seismic conditions that could	Yes
	affect the safety functions of the equipment?	163
Comments		ананан алан алан алан алан алан алан ал
<u></u>		
Evaluated by:	March M. J. George G Thomas Date: 10/18/	/12
	Neda Stoeva 10/18/	110
	Neda Stoeva 10/18/	12
and the second		
		· · · · · · · · · · · · · · · · · · ·

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-QT-506	
Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description:	TURBINE DRIVEN AUXILIARY FEED PUMP PP-4 TRIP AND	





Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-QT-506
Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves
ipment Description:	TURBINE DRIVEN AUXILIARY FEED PUMP PP-4 TRIP AND





P9191324

Status: Y N U

Seismic Walkdown Checklist (SWC)	ata
Equipment ID No.: 2-RC	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Equipment Description: REACTOR CONTROL RODS CONTROL PANEL	79
Project: DC Cook 2 SWEL	44 44
Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 123	and the second se
Manufacturer/Model:	in and a second se
Instructions for Completing Checklist	ар. П.
This checklist may be used to document the results of the Seismic Walkdown of an item of equipment SWEL. The space below each of the following questions may be used to record the results of judgme 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)? SQUG 2-RC 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? Not A	Applicable
Welded to embedded plate through shims	
 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: Y	IN U
Seismic Walkdown Checklist (SWC)] 0
Equipment ID No.: 2-RC	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Equipment Description: REACTOR CONTROL RODS CONTROL PANEL 7. Are soft targets free from impact by nearby equipment or structures?	Yes
7. The solit talgets nee non impact by hearby equipment of structures.	105
 Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Check ceiling tiles - Ceiling tiles OK per DWG 12-4070 	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
Other Adverse Conditions	line of the second s
11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?	Yes
Comments	, 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900
Evaluated by: Date: Date:DAte:DAte:	
Alund.	
Neda Stoeva 10/18/12	

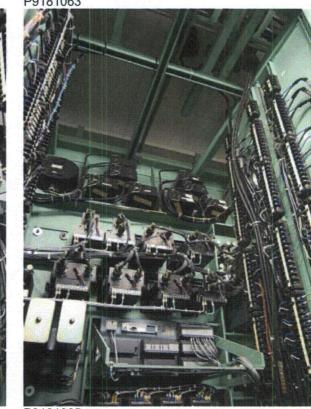
Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-RC
Equipment Class:	(20) Instrumentation and Control Panels and Cabinets
Equipment Description:	REACTOR CONTROL RODS CONTROL PANEL





P9181065

Status: Y N U

Seismic Walkdown Checklist (SWC)

 Equipment ID No.:
 2-RC

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

 Equipment Description:
 REACTOR CONTROL RODS CONTROL PANEL



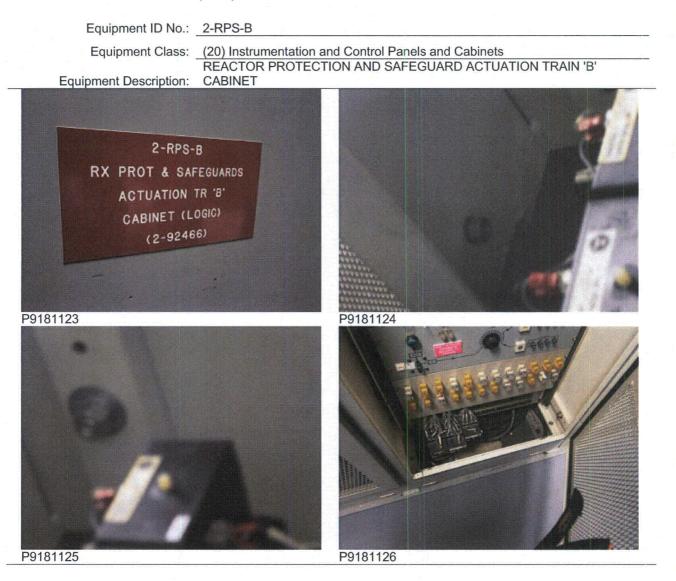
	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-RPS-B	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
REACTOR PROTECTION AND SAFEGUARD ACTUA Equipment Description: CABINET	TION TRAIN 'B'
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 123	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item 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 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 plate	
 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

Seismic Walkdo	wn Checklist	(SWC)		Status: 🗋	NU
Equip	oment ID No.:	2-RPS-B			ite.
Equi	pment Class:	(20) Instrumentation and Control Panels an REACTOR PROTECTION AND SAFEGUA		FION TRAIN 'B'	
	t Description:				
7. Are soft	argets free fro	m impact by nearby equipment or structures	?		Yes
masonry	block walls no	nt, distribution systems, ceiling tiles and light t likely to collapse onto the equipment? eiling tiles OK per DWG 12-4070	ting, and		Yes
		ж Т			
9. Do attacl	hed lines have	adequate flexibility to avoid damage?			Yes
		ismic interaction evaluations, is equipment fr mic interaction effects?	ree of		Yes
Other Adverse (Conditions			1997 - 1997 -	
11. Have you adversel Loose i adverse 2nd from	u looked for an y affect the saf nternal nut at to condition but s	d found no adverse seismic conditions that of ety functions of the equipment? op right side of 2-RPS-B (Output bay) - will r hould be looked at. Internal - 2-RPS-B (logi C power supply - screw head missing - would f component	not result in c cabinet) -		Yes
<u>Comments</u>					
Evaluated by:	Young Y	George G Thomas	Date:	10/18/12	
	Ale	Meda Stoeva		10/18/12	
			<u>ह</u> ै। 0		gunteran ata español II
Photos		Weifer i is a faitheach a san Chairmann a san ann an an ann an ann an ann an			

Status: Y N U

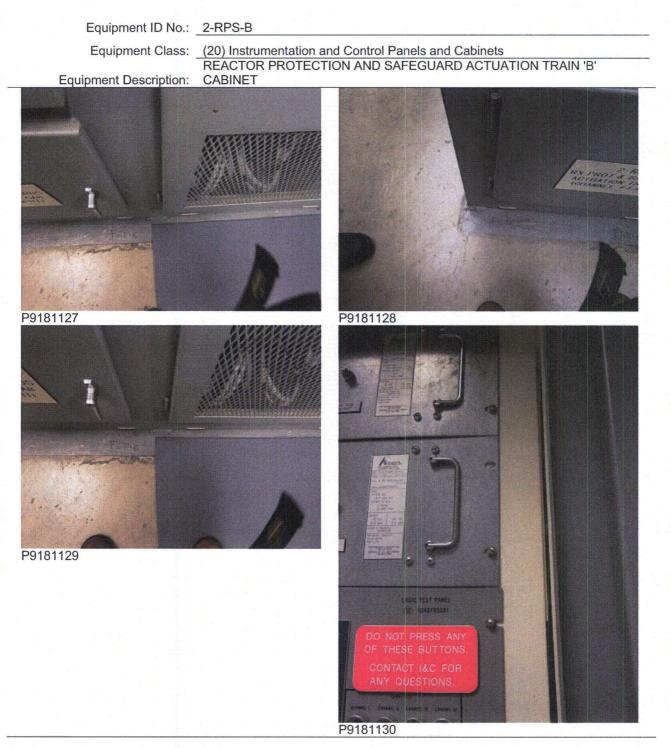
Seismic Walkdown Checklist (SWC)



C-718

Status: Y N U

Seismic Walkdown Checklist (SWC)



C-719

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-RPS-B
Equipment Class:	(20) Instrumentation and Control Panels and Cabinets REACTOR PROTECTION AND SAFEGUARD ACTUATION TRAIN 'B'
Equipment Description:	CABINET
P9181131	

		1000 Co	
Status:	Υ	Ν	U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPST-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 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% Yes of SWEL items requiring such verification)? NEED DOCUMENTS
- 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 Welded to embedded plate
- 5. Is the anchorage configuration consistent with plant documentation? (Note: No This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) SQUG documents identify 2-RPST-B but label it as 2-RPSX-B. AR 2012-12911 and AR 2012-12913 were issued to address documentation discrepancies found.
- 6. Based on the above anchorage evaluations, is the anchorage free of No potentially adverse seismic conditions?

Interaction Effects

Yes

Seismic Walkdo	own Checklist (SWC)	Status:	YNU
Equip	oment ID No.: 2-RPST-B		
	pment Class: (20) Instrumentation and Control Panels and Cabinets	17 17 17 17 17 18 19	
Equipment	t Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION	í s	
	targets free from impact by nearby equipment or structures?		Yes
masonry	head equipment, distribution systems, ceiling tiles and lighting, and block walls not likely to collapse onto the equipment? <i>ceiling tiles - Ceiling tiles OK per DWG 12-4070</i>		Yes
9. Do attach	hed lines have adequate flexibility to avoid damage?		Yes
	n the above seismic interaction evaluations, is equipment free of ly adverse seismic interaction effects?		Yes
Other Adverse C	Conditions		
	u looked for and found no adverse seismic conditions that could y affect the safety functions of the equipment?		Yes
Comments	er van de geste de van de van de van de van de van de geste de geste de geste de geste de geste de geste de van F		1997 - 19
Evaluated by:	Mary M. Jack George G Thomas Date: 10/	18/12	
	Alund.	/18/12	n. Hiti del
Photos		1	

C-722

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-RPST-B
Equipment Class:	(20) Instrumentation and Control Panels and Cabinets
Equipment Description:	REACTOR PROTECTION AND SAFEGUARD ACTUATION





P9181133

P9181135

P9181134 00 00

Status: Y N U

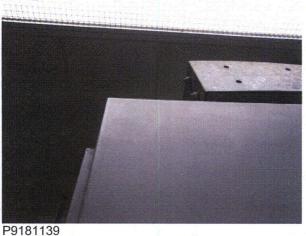
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-RPST-B Equipment Class: (20) Instrumentation and Control Panels and Cabinets Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION





P9181137



Status: Y N U

	Seismic Walkdown Checklist (SWC)	
	Equipment ID No.: 2-RPSX-B	18
	Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
	Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION	
78.5	Project: DC Cook 2 SWEL	
	Location (Bldg, Elev, Room/Area): AB2, 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 or SWEL. The space below each of the following questions may be used to record the results of judgments 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)? SQUG 2-RPSX-B 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? Not Ap	plicable
	Panel welded to shim plates welded to embedded 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.) Documents identify 2-RPST-B but label it as 2-RPSX-B. AR 2012-12911 and AR 2012-12913 were issued to address documentation issue.	No
	6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	No

Interaction Effects

Seism				Status: Y N
	ic Walkdov	wn Checklist (SV	NC)	
	Equip	ment ID No.: _2-I	RPSX-B	
	Equip	ment Class: _(20	0) Instrumentation and Control Panels and Cabinets	
	Equipment	Description: RE	EACTOR PROTECTION AND SAFEGUARD ACTUA	TION
			mpact by nearby equipment or structures?	Ye
8.	masonry	block walls not lik	distribution systems, ceiling tiles and lighting, and kely to collapse onto the equipment? <i>ng tiles OK per DWG 12-4070</i>	Ye
9.	Do attach	ed lines have ade	equate flexibility to avoid damage?	Ye
0.	Douttaon		oquate noxionity to avoid damage.	
10.		the above seism adverse seismic	ic interaction evaluations, is equipment free of	Ye
÷e				
Dther 11.		onditions looked for and fo	bund no adverse seismic conditions that could functions of the equipment?	Ye
	Have you	onditions looked for and fo	ound no adverse seismic conditions that could	Ye
11.	Have you adversely	onditions looked for and fo	ound no adverse seismic conditions that could	Ye
11. Comm	Have you adversely	onditions looked for and fo	ound no adverse seismic conditions that could functions of the equipment?	
11. Comm	Have you adversely nents	onditions looked for and fo affect the safety	ound no adverse seismic conditions that could functions of the equipment?	

Photos

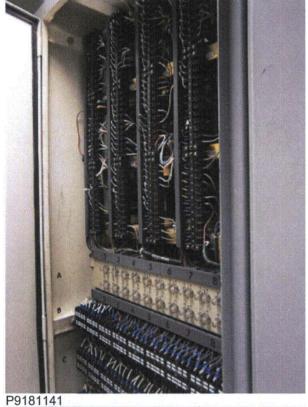
Status: Y N U

Seismic Walkdown Checklist (SWC)

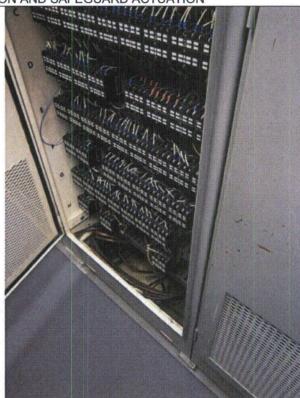
Equipment ID No.: 2-RPSX-B

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

Equipment Description: REACTOR PROTECTION AND SAFEGUARD ACTUATION









Status: Y N U

Seismic Walkdown Checklist (SWC)



C-728

Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-SG	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CON	TROL
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): AB2, 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)? 	No
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
Cannot see all welds on back because of wires in the way	
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	
 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

						Status	s: YNU
Seism	ic Walkdown Checklis	t (SWC)					
	Equipment ID No.:	2-SG					
	Equipment Class:		entation and	Control Panels a	nd Cabinets		51 55 51
	Equipment Description:					CONTROL	
	Are soft targets free free					00111101	Yes
8.	Are overhead equipme masonry block walls n <i>Check ceiling tiles</i> - 0	ot likely to coll	apse onto the	equipment?	nting, and		Yes
9.	Do attached lines have	e adequate fle	xibility to avoi	d damage?			Yes
10.	Based on the above se			is, is equipment	free of		Yes
Other	Adverse Conditions						-
11.	Have you looked for an adversely affect the sa				could		Yes
Comm	ients		iel in 11 n			1 81) 991 997	999 191 - 191 191 - 191 191 - 191
Evalua	ited by:	B. J. E.	- George G	Thomas	Date:	10/18/12	na daya 12
	Al	unf.	Noda Stoova			10/18/12	

Neda Stoeva

Photos

10/18/12

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-SG
Equipment Class:	(20) Instrumentation and Control Panels and Cabinets
Equipment Description:	STEAM GENERATOR AND AUXILIARY FEED PUMP CONTROL

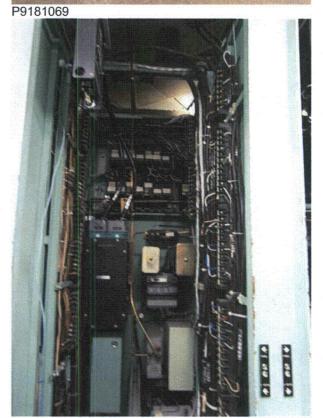




P9181068



P9181070



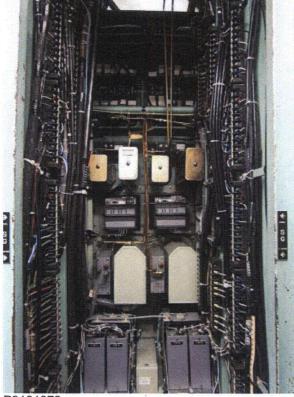
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SG

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

Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CONTROL



P9181072

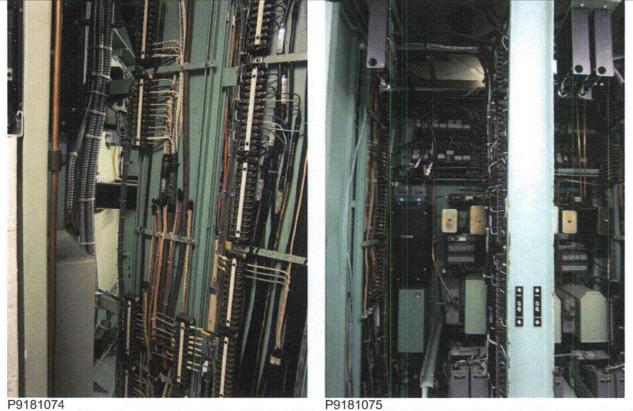
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SG

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

Equipment Description: STEAM GENERATOR AND AUXILIARY FEED PUMP CONTROL



Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-SIS	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Equipment Description: SAFETY INJECTION CONTROL PANEL	
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): _AB2, 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)? 	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
	(iot) (ppilouble
Welded to embedded plate	
 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
	10 100 - 2100-100 - 20 - 20 - 20 - 20 - 20

Seism	ic Walkdown Checklist	(SWC)	
	Equipment ID No.:	2-SIS	ta M Nj Bi
	Equipment Class:	(20) Instrumentation and Control Panels and Cabinets	in an ann an a
	Equipment Description:	SAFETY INJECTION CONTROL PANEL	
		m impact by nearby equipment or structures?	Yes
8.	masonry block walls no	nt, distribution systems, ceiling tiles and lighting, and t likely to collapse onto the equipment? eiling tiles OK per DWG 12-4070	Yes
9.	Do attached lines have	adequate flexibility to avoid damage?	Yes
10.	Based on the above set potentially adverse sets	smic interaction evaluations, is equipment free of mic interaction effects?	Yes
Other	Adverse Conditions		
11.		d found no adverse seismic conditions that could ety functions of the equipment?	Yes
Comm	nents		
Evalua	ited by:	George G Thomas Date: 10/18/12	
	Alu	Neda Stoeva 10/18/12	

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

 Equipment ID No.:
 2-SIS

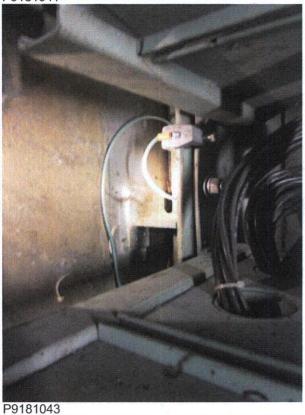
 Equipment Class:
 (20) Instrumentation and Control Panels and Cabinets

 Equipment Description:
 SAFETY INJECTION CONTROL PANEL





P9181041



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SIS

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

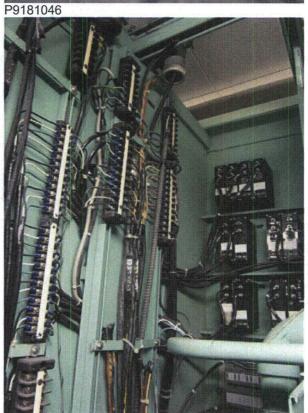
Equipment Description: SAFETY INJECTION CONTROL PANEL



P9181045



P9181047



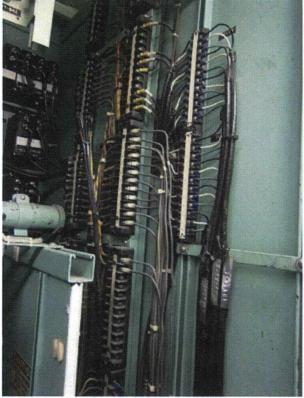
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SIS

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

Equipment Description: SAFETY INJECTION CONTROL PANEL



P9181049

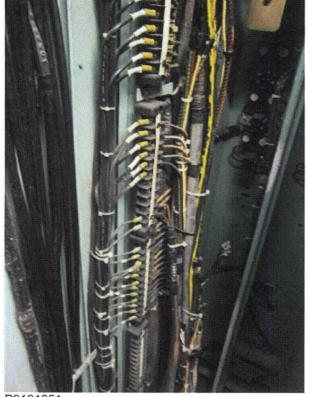
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SIS

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

Equipment Description: SAFETY INJECTION CONTROL PANEL



Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-SPY	
Equipment Class: _(20) Instrumentation and Control Panels and Cabinets	Sur un constanting d
Equipment Description: CONTAINMENT SPRAY CONTROL PANEL	
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): AB2, 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 equipmer SWEL. The space below each of the following questions may be used to record the results of judgm 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)? SQUG 2-SPY 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? Not	Applicable
Welded to embedded plate with shims	
 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

					Status: Y	IN U
Seismic Walkdown	n Checklist (SWC)				1. 11	1
Equipm	ent ID No.: 2-SPY					
		trumentation and Co	ntrol Panols and	Cabinote		
				Cabinets		
		INMENT SPRAY CC t by nearby equipmer				Yes
masonry blo Ceiling tile	ock walls not likely to s - possibly metal - 1	oution systems, ceiling collapse onto the eq resolution of ceiling to e extinguisher hook (uipment? ile clips/snaps - C			Yes
9. Do attached	d lines have adequate	e flexibility to avoid d	amage?			Yes
	ne above seismic inte adverse seismic inter	eraction evaluations, action effects?	is equipment free	of		Yes
Other Adverse Cor	nditions					14
		no adverse seismic c ions of the equipmen		ld		Yes
<u>Comments</u>		n an	re allan tak flur eta da da seria da da da seria da	t til som han som		
Evaluated by:	Howy H. Dow	Ceorge G The	omas	_ Date: _10/	18/12	
	Alung.					
а. -		Neda Stoeva	an na manan (baya 1974-1974) na ng kang	10/	18/12	
Photos			en e			」が - 1911 - 1918 - 1945 - 1945 - 1 中 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1

C-741

Status: Y N U

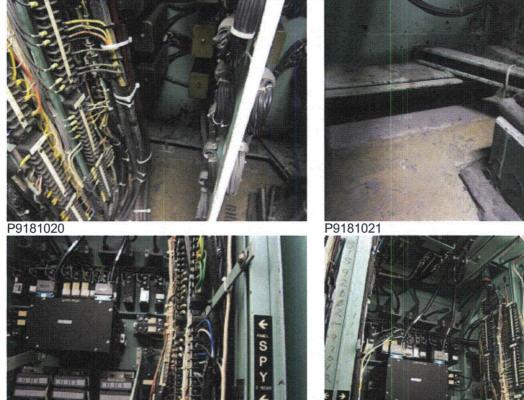
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-SPY

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



P9181023

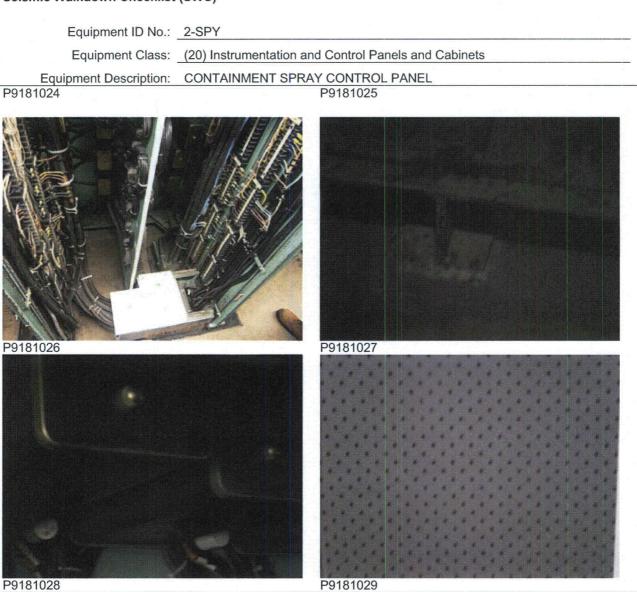






Status: Y N U

Seismic Walkdown Checklist (SWC)



C-743

Status: Y N U

Seismic Walkdown Checklist (SWC)

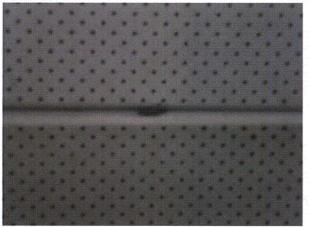
Equipment ID No.: 2-SPY

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

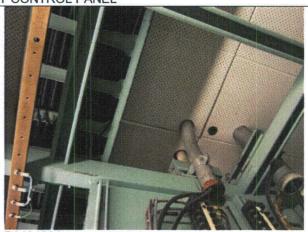




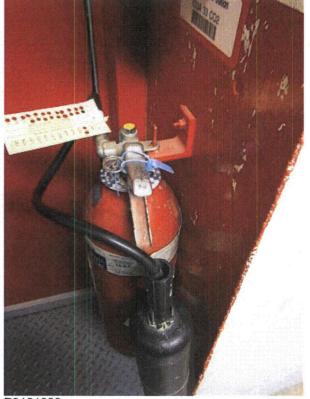
P9181030



P9181032



P9181031



Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: _2-T21A2	
Equipment Class: _(3) Medium Voltage Switchgear	
Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W	
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 140	10 6- 111
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 a 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)? 	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
	103
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: Unk	nown
This question only applies if the item is one of the 50% for which an anchorage	nown
configuration verification is required.) Can only look at one breaker, 2nd from left T21A2 - of 12 components	
 Based on the above anchorage evaluations, is the anchorage free of Unker potentially adverse seismic conditions? Could not open back to see anchorage on drawings. Verifird 2 puddle welds in front corners of T21A2. 	nown

Seism	nic Walkdown Checklist (SWC)			Status: Y	NU
	Equipment ID No.: 2-T21A2				
	Equipment Class: (3) Medium Voltage Swi	tchgear			
	Equipment Description: WEST MOTOR DRIVEN			DD_3\/	
7.				11-000	Yes
8.	 Are overhead equipment, distribution systems, c masonry block walls not likely to collapse onto the 		819 85		Yes
9.	. Do attached lines have adequate flexibility to avo	oid damage?			Yes
10.	Based on the above seismic interaction evaluation potentially adverse seismic interaction effects?	ons, is equipment free of			Yes
Other	r Adverse Conditions				
	 Have you looked for and found no adverse seisn adversely affect the safety functions of the equip 				Yes
Comn	ments	un si			
Evalua	nated by: M. J. J. George C	Thomas D	ate: <u>10</u>	/18/12	
	Alun P. Neda Stoev	a	10	/18/12	
			2 ¹		1000 - 2000 - 2000 A. S.
Photo	<u>05</u>		areareal aidili	19 19	

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ib No	2-T21A2	
	(3) Medium Voltage Switchgear	

Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W





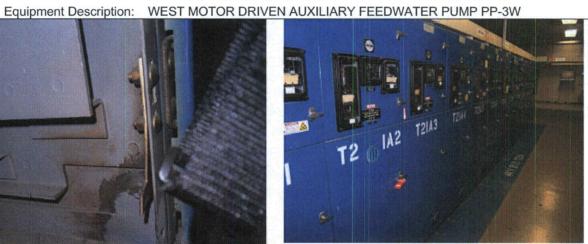
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment	ID No.:	2-T21A2

Equipment Class: (3) Medium Voltage Switchgear





Status: Y N U

Seismic Walkdown Checklist (SWC)

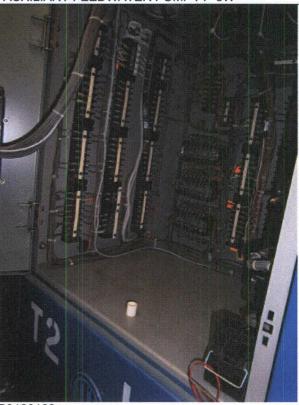
Equipment ID No.: 2-T21A2

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W



P9120167



Status: Y N U

▲‴ 4

Seismic Walkdown Checklist (SWC)

Equipment ID No .:	2-T21A2	
Equipment Class:	(3) Medium Voltage Switchgear	
Equipment Description:	WEST MOTOR DRIVEN AUXILIARY FEEDWATER PUMP PP-3W	





Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 2-TDAB	
Equipment Class: (14) Distribution Panels	
Equipment Description: 250VDC TRAIN 'B' TRANSFER CABINET	
Project: DC Cook 2 SWEL	Real and the second
Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 200	
Manufacturer/Model:	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an i 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 ot	results of judgments and
Anchorage	00/ N
 Is anchorage configuration verification required (i.e., is the item one of the 50 of SWEL items requiring such verification)? CANNOT OPEN - CAN'T SEE ANCHORAGE 	0% No
2. Is the anchorage free of bent, broken, missing or loose hardware?	Unknown
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Unknown
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Unknown
 Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchora configuration verification is required.) CANNOT VERIFY - CANNOT OPEN - CAN'T SEE ANCHORAGE 	Unknown age
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Unknown

	01-1	
Seismic Walkdown Checklist (SWC)	Status:	Y N U
Equipment ID No.: 2-TDAB		
Equipment Class: (14) Distribution Panels		
Equipment Description: 250VDC TRAIN 'B' TRANSFER CABINET		
7. Are soft targets free from impact by nearby equipment or structures?		Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?		Yes
9. Do attached lines have adequate flexibility to avoid damage?		Yes
9. Do attached lines have adequate heribling to avoid damage?		165
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?		Yes
Other Adverse Conditions	andan istorio area alliterati a	414
11. Have you looked for and found no adverse seismic conditions that could		Yes
adversely affect the safety functions of the equipment? CANNOT OPEN		
		-
Comments	iya ab Se ab	en
Evaluated by:	10/18/12	
(Alterno)		
Neda Stoeva	10/18/12	
		· · · · · · · · · · · · · · · · · · ·

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No .:	2-TDAB
Equipment Class:	(14) Distribution Panels

Equipment Description: 250VDC TRAIN 'B' TRANSFER CABINET





Status: Y N U

Seismic Walkdown Checklist (SWC)

nt ID No.: 2-W	MO-704		24 23 (2)
nt Class: <u>(8)</u> N	Notor-Operated and	Solenoid-Operated Valves	an de la companya de La companya de la comp
scription: WES	ST ESSENTIAL SER	VICE WATER PUMP PP-7W	DISCH S/O
Project:	DC Cook 2 SWEL		
Room/Area):	SH2, 591.00 ft, 136		40 41
	dist		
elow each of the	e following questions	may be used to record the re	sults of judgments and
		.e., is the item one of the 50%	o No
age free of bent	t, broken, missing or	loose hardware?	Not Applicable
and free of corr	acion that is more the	on mild ourface evidation?	Not Applicable
age nee of com	USION MALIS MOLE IN		Not Applicable
age free of visib	ble cracks in the conc	crete near the anchors?	Not Applicable
only applies if	the item is one of the		Not Applicable
	age evaluations, is the conditions?	e anchorage free of	Yes
	age free of visib	nt Class: (8) Motor-Operated and scription: WEST ESSENTIAL SER Project: DC Cook 2 SWEL Room/Area): SH2, 591.00 ft, 136 cturer/Model: npleting Checklist a used to document the results of the elow each of the following questions pace is provided at the end of this c configuration verification required (in s requiring such verification)? age free of bent, broken, missing or age free of corrosion that is more the age free of visible cracks in the cond age free of visible cracks in the cond age configuration consistent with plat only applies if the item is one of the verification is required.)	nt Class:(8) Motor-Operated and Solenoid-Operated Valves scription: WEST ESSENTIAL SERVICE WATER PUMP PP-7W Project: _DC Cook 2 SWEL Room/Area): _SH2, 591.00 ft, 136 cturer/Model: mpleting Checklist e used to document the results of the Seismic Walkdown of an iter plow each of the following questions may be used to record the re pace is provided at the end of this checklist for documenting other configuration verification required (i.e., is the item one of the 50% ns requiring such verification)? age free of bent, broken, missing or loose hardware? age free of corrosion that is more than mild surface oxidation? age free of visible cracks in the concrete near the anchors? age configuration consistent with plant documentation? (Note: only applies if the item is one of the 50% for which an anchorage verification is required.)

Status: Y N U

Seismic Walkdov	wn Checklist (SWC)			
Equip	ment ID No.: 2-WMO-704	an a an a an A	di ana	
Equip	oment Class: _(8) Motor-Operated and S	Solenoid-Operated Valves	e. B	
	Description: WEST ESSENTIAL SER		DISCH S/O	
7. Are soft ta	argets free from impact by nearby equipr	nent or structures?		Yes
8. Are overh masonry l	ead equipment, distribution systems, ce block walls not likely to collapse onto the	iling tiles and lighting, and equipment?		Yes
9. Do attach	ed lines have adequate flexibility to avoid	d damage?		Yes
	the above seismic interaction evaluation adverse seismic interaction effects?	ns, is equipment free of		Yes
	onditions looked for and found no adverse seismi affect the safety functions of the equipm		2 2 2	Yes
n de de				
<u>Comments</u>				()
Evaluated by:	Mary M. J. George G	Thomas Date:	10/18/12	
	Olump. Neda Stoeva		10/18/12	

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-WMO-704	4) 		
Equipment Class	(8) Motor-Operated and			

Equipment Description: WEST ESSENTIAL SERVICE WATER PUMP PP-7W DISCH S/O



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-716 Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL Project: DC Cook 2 SWEL Location (Bldg, Elev, Room/Area): AB2, 633.00 ft, 633 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? 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: 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?

		Statua	
Seism	ic Walkdown Checklist	(SWC) Status:	YN U
	Equipment ID No.:	2-WMO-716	
	Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves	
	Equipment Description:	WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL	
7.		m impact by nearby equipment or structures?	Yes
8.	masonry block walls no	nt, distribution systems, ceiling tiles and lighting, and t likely to collapse onto the equipment? ve can tip - moved on the spot by personnel, but would by anyway	Yes
	not navo soon aamagii	ganyway	
9.	Do attached lines have	adequate flexibility to avoid damage?	Yes
10.		smic interaction evaluations, is equipment free of	Yes
	potentially adverse seis	mic interaction effects?	
Other	Adverse Conditions		
11.		d found no adverse seismic conditions that could ety functions of the equipment?	Yes
Comm	<u>ients</u>		
Evalua	ted by:	George G Thomas Date: 10/18/12	
	A.	0	
	Ull	Neda Stoeva 10/18/12	a Tali
Photo	S		il and the second s

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-WMO-716
	(8) Motor-Operated and Solenoid-Operated Valves
Equipment Description:	<section-header></section-header>
P9100102	<image/> <image/>

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WMO-718 Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL Project: DC Cook 2 SWEL Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 609 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? 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: 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?

V **O**1-1

Seismi	ic Walkdown Checklist		itus: Y N U
	Equipment ID No.:	2-WMO-718	
	Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves	is. Militing all the states
		WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENT	AL
7.	Are soft targets free fro	m impact by nearby equipment or structures?	No
	Fire extinguishers by a issued.	2-WMO-718 on short hooks - AR 2012-11669 was	
8.		nt, distribution systems, ceiling tiles and lighting, and tikely to collapse onto the equipment?	Yes
9.	Do attached lines have	adequate flexibility to avoid damage?	Yes
10.	Based on the above se potentially adverse seis	smic interaction evaluations, is equipment free of mic interaction effects?	No
Other /	Adverse Conditions		
11.	Have you looked for an adversely affect the safe	d found no adverse seismic conditions that could ety functions of the equipment?	Yes
<u>Comm</u>	ents	a	give winter an intervention of the second
Evalua	ted by:	George G Thomas Date: 10/18/	12
	Alu	Meda Stoeva 10/18/	12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-WMO-718
Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves
Equipment Description:	WEST CONTAINMENT SPRAY HEAT EXCHANGER ESSENTIAL





P9100091



Status: Y N U

Seismic	Walkdown	Checklist	(SWC)

Equipmer	nt ID No.: _2-WM	10-744			
Equipme	ent Class: <u>(8) M</u>	otor-Operated and	d Solenoid-Operated	l Valves	r 1997 - Alexandro Maria, ang
Equipment De	scription: ESSE	ENTIAL SERVICE	WATER TO WEST	MOTOR DRIVEN	
	Project: _C	DC Cook 2 SWEL			z II. e z
Location (Bldg, Elev,	Room/Area): T	B2, 591.00 ft, 51			
Manufa	cturer/Model:				
Instructions for Cor	npleting Checkl	ist			
This checklist may be SWEL. The space be findings. Additional s	elow each of the	following question	is may be used to re	cord the results of ju	udgments and
Anchorage					
	e configuration ve ns requiring such		(i.e., is the item one	of the 50%	No
2. Is the anchor	age free of bent,	broken, missing o	or loose hardware?		Not Applicable
3. Is the anchor	rade free of corro	sion that is more (han mild surface oxi	idation?	Not Applicable
J. IS the anchor	age free of conto	SIGH THAT IS THORE T	man mild sufface oxi	Gation	Not Applicable
4. Is the anchor	age free of visible	e cracks in the co	ncrete near the anch	iors?	Not Applicable
This question		ne item is one of th	plant documentation? The 50% for which an		Not Applicable
	e above anchorag dverse seismic co		the anchorage free o	νf	Yes

Seismic Walkdo	wn Checklist (SWC)			Status: Y N U
Equip	oment ID No.: 2-WMO-744			1
Equi	pment Class: (8) Motor-Op	erated and Solenoid-Oper	ated Valves	
Equipment	t Description: ESSENTIAL	SERVICE WATER TO WE	EST MOTOR DRIV	EN
	argets free from impact by ne			Yes
		in an dia an		ي بد نه
	head equipment, distribution block walls not likely to colla		lighting, and	Yes
9. Do attach	ned lines have adequate flexi	ibility to avoid damage?		Yes
	the above seismic interaction y adverse seismic interaction		ent free of	Yes
Other Adverse C	Conditions		6. 8.	
11. Have you	l looked for and found no adv affect the safety functions c		nat could	Yes
<u>Comments</u>	a 16 Andrew Alexandra and Alexandra 19 Andrew Alexandra and A	din an actuary and a statements and a statements and a statement of the statement of the statement of the state		
an An an				
Evaluated by:	South M. Long	George G Thomas	Date: _1	0/18/12
	Qu0			
	and.	Neda Stoeva	1	0/18/12

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-WMO-744
Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves
Equipment Description:	ESSENTIAL SERVICE WATER TO WEST MOTOR DRIVEN



P9191352



P9191354



P9191353



Status: Y N U

Seismic	Walkdown	Checklist	(SWC)
001011110	Francao F	onconnot	(00)

Equipment ID No. 2 W/MO 752	
Equipment ID No.: 2-WMO-753	in the second seco
Equipment Class:(8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: EMERGENCY ESSENTIAL SERVICE WATER SUPPLY TO	IDAFP
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): TB2, 591.00 ft, 49	
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 of findings. Additional space is provided at the end of this checklist for documenting other comm	judgments and
 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?	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
 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

Status: Y N U

Seismic Walkdown Checklis	st	(SWC)	1
---------------------------	----	-------	---

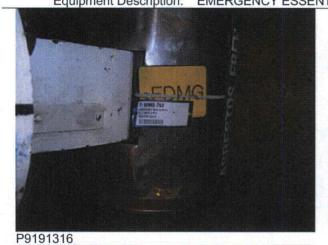
	Equipment ID No.:	2-WMO-753		
	Equipment Class:	(8) Motor-Operated and Solenoid-Operated Value	es	
E	auipment Description:	EMERGENCY ESSENTIAL SERVICE WATER	SUPPLY TO TDAFP	
		m impact by nearby equipment or structures?		No
		revalve) very shaky, not well anchored - removed istrut not attached at top end of support AR 20		
		nt, distribution systems, ceiling tiles and lighting, a tikely to collapse onto the equipment?	Ind	Yes
9.	Do attached lines have	adequate flexibility to avoid damage?		Yes
	Based on the above se potentially adverse seis	smic interaction evaluations, is equipment free of mic interaction effects?		No
Other A	dverse Conditions		, 188	
11.	Have you looked for an	d found no adverse seismic conditions that could ety functions of the equipment?		Yes
<u>Comme</u>	ents		на с ₁₉₉₇ на 11 на на 1997 во 1997 од 1 1997 од 1997 од 1997 од 1997 од	
Evaluate	ed by:	George G Thomas	Date: 10/18/12	
	Olu	Meda Stoeva	10/18/12	
			S <mark>antanian di Kanadan di Kanad Kanadan di Kanadan di Kan</mark>	

Photos

Status: Y N U

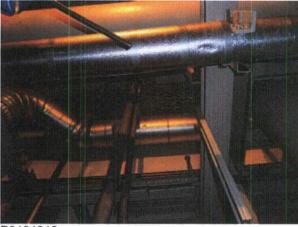
Seismic Walkdown Checklist (SWC)

Equipment ID No.:	2-WMO-753
Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves
Equipment Description:	EMERGENCY ESSENTIAL SERVICE WATER SUPPLY TO TDAFP





P9191318



Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-WPA-703	: : :
Equipment Class: (18) Instruments on Racks	
Equipment Description: E ESSENTIAL SERVICE WTR PP PP-7E DISCH LOW PRES	
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): SH2, 591.00 ft, 135	
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 SWEL. The space below each of the following questions may be used to record the results of judgments 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)? 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
Bolts look to be 3/8" - 4 on each plate at bottom, 1 on each side on top.	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. In the cash group free of visible encodes in the comparish more the cash and	Vee
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
Top right bolt has a larger hole in concrete, bu instrument rack OK on rest of supports.	
 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.) AR #2012-11301 witten to correct plant documentation that was not 	Yes
consistent with installation	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

	Status: [Y N U
Seismic Walkdow	wn Checklist (SWC)	
Equipn	ment ID No.: 2-WPA-703	
	oment Class: (18) Instruments on Racks	
	Description: E ESSENTIAL SERVICE WTR PP PP-7E DISCH LOW PRES	
	argets free from impact by nearby equipment or structures?	Yes
	lead equipment, distribution systems, ceiling tiles and lighting, and block walls not likely to collapse onto the equipment?	Yes
masonry b	slock waits not likely to collapse onto the equipment:	
9. Do attache	ed lines have adequate flexibility to avoid damage?	Yes
10. Based on	the above seismic interaction evaluations, is equipment free of	Yes
	y adverse seismic interaction effects?	
Other Adverse Co	onditions	
11. Have you	looked for and found no adverse seismic conditions that could	Yes
adversely	affect the safety functions of the equipment?	
Comments		
	Herey M. July	
Evaluated by:	Mary M. de George G Thomas Date: 10/18/12	<u>e 14 14 14 14 14 14 14 14 14 14 14 14 14 </u>
	(All was)	
	Neda Stoeva 10/18/12	
.		
Photos		

C-770

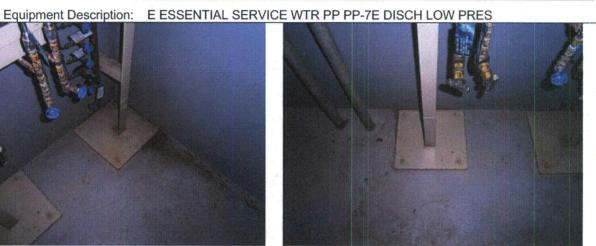
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment	ID No :	2-WPA-703
Equipment	ID NO.:	2-VVPA-103

Equipment Class: (18) Instruments on Racks





P9090084



P9090085



Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-WPA-703

Equipment Class: (18) Instruments on Racks

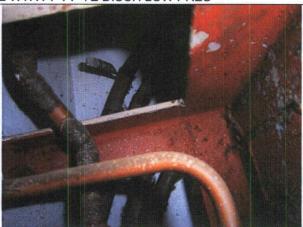
Equipment Description: E ESSENTIAL SERVICE WTR PP PP-7E DISCH LOW PRES

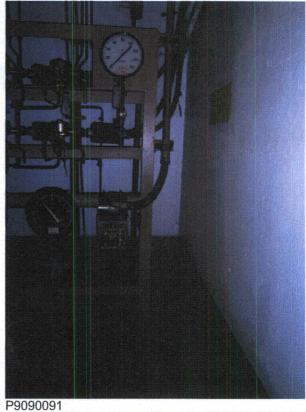


P9090088



P9090090





Status: Y N U

Seismic Walkdown Checklist (SWC)

11-11-11-11-11-11-11-11-11-11-11-11-11-	10000	1941 Barrier - 1	
Equipmont	ID	No.	2-WPA-703
Equipment	IU	INU.	2-VVFA-103

Equipment Class: (18) Instruments on Racks

Equipment Description: E ESSENTIAL SERVICE WTR PP PP-7E DISCH LOW PRES



P9090092



Status: Y N U

Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-WRV-768	
Equipment Class: (7) Fluid-Operated Valves	
Equipment Description: E ESW PP PP-7W DISCH STN WEST BASKET B/W INLET S/C	5
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): SH2, 591.00 ft, 135	
Manufacturer/Model:	- Andrew State of Contract Cont
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 jud findings. Additional space is provided at the end of this checklist for documenting other commen	dgments 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
 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	

Seismic Walkdown Checkl	Status: Y N	U			
Equipment ID No	p.: 2-WRV-768				
Equipment Clas	Equipment Class: (7) Fluid-Operated Valves				
	n: E ESW PP PP-7W DISCH STN WEST BASKET B/W INLET S/O				
7. Are soft targets free	from impact by nearby equipment or structures?	Yes			
	ment, distribution systems, ceiling tiles and lighting, and not likely to collapse onto the equipment?	Yes			
9. Do attached lines ha	ave adequate flexibility to avoid damage?	Yes			
	seismic interaction evaluations, is equipment free of seismic interaction effects?	Yes			
Other Adverse Conditions 11. Have you looked for	and found no adverse seismic conditions that could	Yes			
	safety functions of the equipment?	103			
<u>Comments</u>					
Evaluated by:	M. J. Z. George G Thomas Date: 10/18/12 Multiple Neda Stoeva 10/18/12				

Photos

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No .:	2-WRV-768

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: E ESW PP PP-7W DISCH STN WEST BASKET B/W INLET S/O

