	Status: Y N U
Seismic Walkdown Checklist (SWC)	# <del>10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (</del>
Equipment ID No.: 2-HE-18W	
Equipment Class: (21) Tanks and Heat Exchangers	
Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER	Market Held
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 4	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of expression. 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 comments.	of judgments and
Anchorage	28
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	No
<ol><li>Is the anchorage free of bent, broken, missing or loose hardware?</li></ol>	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	Not Applicable
configuration verification is required.)	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

	Equipment ID No.: 2-HE-18W	10. 11. 11. 11. 11. 11. 11. 11. 11. 11. 11		
	Equipment Class: (21) Tanks and Heat Exchang	ers		
	Equipment Description: WEST CONTAINMENT SPRA		ER	***************************************
	. Are soft targets free from impact by nearby equipment			Yes
8.	<ol> <li>Are overhead equipment, distribution systems, ceiling to masonry block walls not likely to collapse onto the equipment.</li> </ol>		d	Yes
9.	Do attached lines have adequate flexibility to avoid dar	mage?		Yes
10.	Based on the above seismic interaction evaluations, is potentially adverse seismic interaction effects?	equipment free of		Yes
Other	er Adverse Conditions	195 195 195 195 195 195 195 195 195 195		
11.	. Have you looked for and found no adverse seismic cor adversely affect the safety functions of the equipment?			Yes
Comm	nments			
	uated by: M. J. George G Thon			

**Photos** 

### Seismic Walkdown Checklist (SWC)

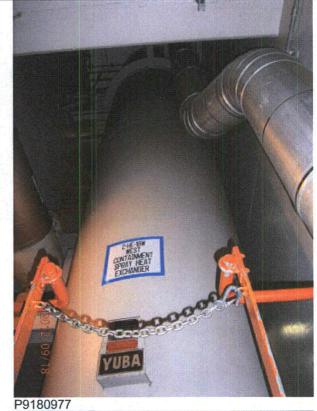
Equipment ID No.: 2-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER



P9180976







P9180979

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER









P9180982



P9180983

# Seismic Walkdown Checklist (SWC)

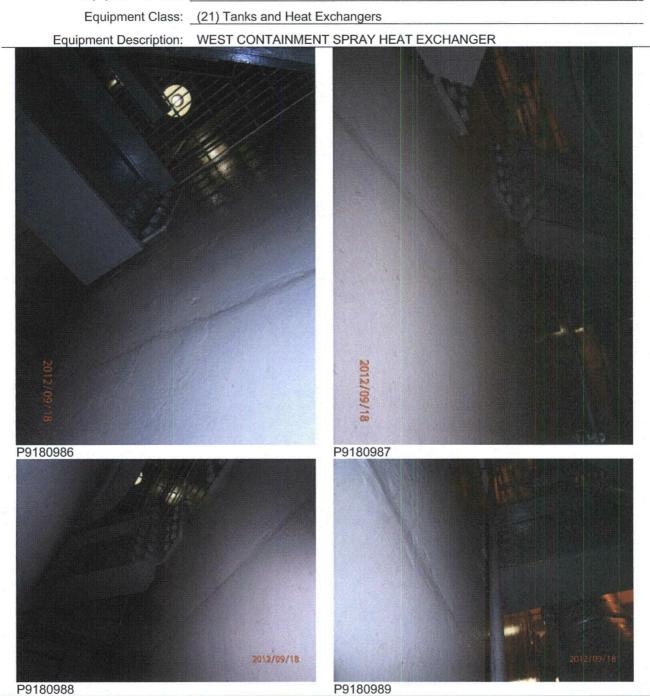
Equipment ID No.: 2-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER P9180984 P9180985

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HE-18W



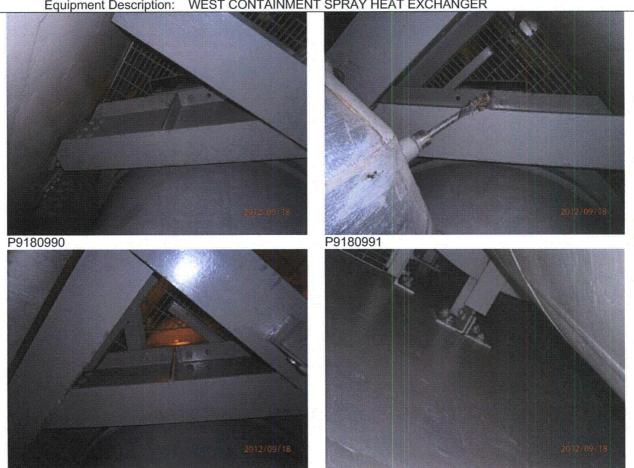
### Seismic Walkdown Checklist (SWC)

P9180992

Equipment ID No.: 2-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER



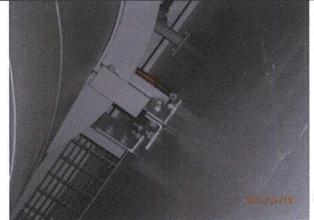
P9180997

### Seismic Walkdown Checklist (SWC)

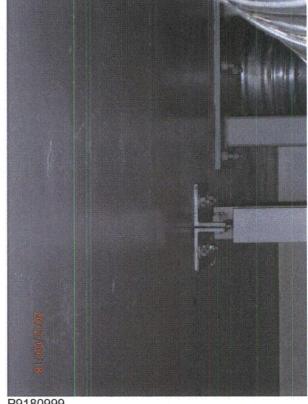
Equipment ID No.: 2-HE-18W

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: WEST CONTAINMENT SPRAY HEAT EXCHANGER



P9180998



P9180999



P9181000

	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-HV-ACRA-2	
Equipment Class: (10) Air Handlers	
Equipment Description: CONTROL ROOM VENTILATION SOUTH AIR CONDITION	NING
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): AB2, 650.00 ft, 129	
Manufacturer/Model:	
Instructions for Completing Checklist  This checklist may be used to document the results of the Seismic Walkdown of an item of expectation. 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 complete.	of judgments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?         DWG 12-3366 REV5     </li> </ol>	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
<ol> <li>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.)</li> </ol>	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

				Stat	us: Y N U
Seism	ic Walkdow	n Checklist	(SWC)		
	<u></u>		0.17/4.074.0		
			2-HV-ACRA-2		
	Equip	ment Class:	(10) Air Handlers		<del></del>
-			CONTROL ROOM VENTILATION SOUTH AIR CO	ONDITIONING	
7.	Are son ta	rgets free fro	m impact by nearby equipment or structures?		Yes
8.			nt, distribution systems, ceiling tiles and lighting, and likely to collapse onto the equipment?	i	Yes
9.	Do attache	ed lines have	adequate flexibility to avoid damage?		Yes
10.			smic interaction evaluations, is equipment free of		Yes
	potentially	adverse seis	mic interaction effects?		
::::	::::::::::::::::::::::::::::::::::::::			8 10	
<u>Other</u>	Adverse Co	onditions			
11.			d found no adverse seismic conditions that could ety functions of the equipment?		Yes
Comn	nents				
				£4 .	
Evalua	ated by:	Though ?	George G Thomas D	eate: 10/18/1	2
		AN.	0		
		an	Neda Stoeva	10/18/1	2
		<u> </u>		# #	
Photo	<u>s</u>				

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-ACRA-2

Equipment Class: (10) Air Handlers

Equipment Description: CONTROL ROOM VENTILATION SOUTH AIR CONDITIONING



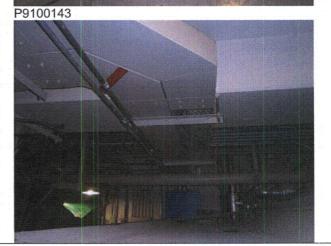


P9100140









DC Cook Unit 1 & Unit 2 SD-121023-001 Rev. 0, 11/05/12

Status: Y N U

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-ACRA-2

Equipment Class: (10) Air Handlers

Equipment Description: CONTROL ROOM VENTILATION SOUTH AIR CONDITIONING

P9100144 P9100145

		Status: Y N U
Seism	ic Walkdown Checklist (SWC)	
	Equipment ID No.: 2-HV-AES-2	
	Equipment Class: _(10) Air Handlers	
	Equipment Description: AUXILIARY BUILDING VENTILATION ENGINEERED SAFE	TY
	Project: DC Cook 2 SWEL	CLANA 2 (1888) 1881
Locatio	on (Bldg, Elev, Room/Area): AB2, 633.00 ft, 8	
	Manufacturer/Model:	
Instruc	ctions for Completing Checklist	SH 197
SWEL.	necklist may be used to document the results of the Seismic Walkdown of an item of ed.  The space below each of the following questions may be used to record the results of second space is provided at the end of this checklist for documenting other comments.	of judgments and
Ancho	prage	
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
	2 front middle bolts on filter do not have full thread engagement - OK per SD-991215-024 pg. 12	
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.)	Not Applicable
6.	Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

	0 9880 00 0	<u>#</u> #						Status:	Y N U
Seism	ic Walkdow	n Checklist	(SWC)						
	Equipn	nent ID No.:	2-HV-AES-	2					
	Equip	ment Class:	(10) Air Ha	ndlers	::				
	Equipment I	Description:	AUXILIARY	/ BUILDING	VENTILAT	ION ENGIN	EERED S.	AFETY	
7.	Are soft ta	rgets free fro	m impact by	nearby equi	pment or s	tructures?			Yes
8.	Aro overhe	ad oquipmo	nt, distributio	n evetome (	coiling tiles	and lighting	and		Yes
0.	masonry b	lock walls no	nt, distribution to the strict of the strict	lapse onto tl	ne equipme	ent?	anu		163
0	D				_!.  .	-0			V
9.	Do attache	ed lines nave	adequate fle	exibility to av	old damage	e?			Yes
10.			ismic interac smic interacti		ons, is equ	ipment free	of		Yes
Other	Adverse Co	onditions	### ##################################						
11.	Have you	ooked for ar	nd found no a fety functions			ons that coul	d		Yes
Comm	nents		19 19 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	78 11581 - 18 11581 - 18 11581	10 10	and the second s		191 <sub>000</sub>	
Evalua	ited by:	your )	1. due	George (	G Thomas		_ Date:	10/18/12	
		Alu	mp.						
			1	Neda Stoe	va			10/18/12	

**Photos** 

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: \_2-HV-AES-2

Equipment Class: (10) Air Handlers









P9100194

# Seismic Walkdown Checklist (SWC)

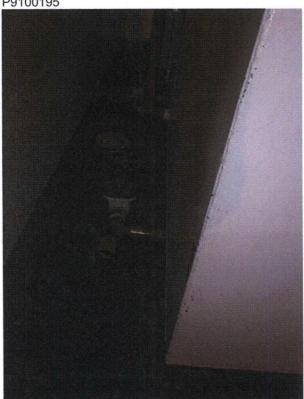
Equipment ID No.: 2-HV-AES-2

Equipment Class: (10) Air Handlers



P9100195





P9100198



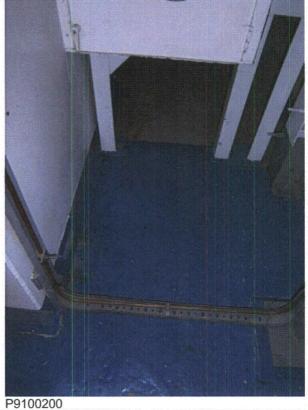
### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-AES-2

Equipment Class: (10) Air Handlers



P9100199



### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-AES-2

Equipment Class: (10) Air Handlers



	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-HV-CEQ-1	्राष्ट्री स ::: अत् बाव :: बाव :: स्व
Equipment Class: _(10) Air Handlers	
Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FA	N #1
Project: DC Cook 2 SWEL	# #
Location (Bldg, Elev, Room/Area): CON2, 625.00 ft, 75	
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	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> <li>SQUG 2-HV-CEQ-1 REV0</li> </ol>	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
Missing bolt on backside as identified in SEWS - SQUG 2-HV-CEQ-1 REV0	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
5. Is the anchorage nee of corresion that is more than thin surface extension:	103
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
Mounted to floor grate	
<ol> <li>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.)</li> </ol>	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

			Status: Y N U
Seism	nic Walkdown Checklis	t (SWC)	# A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Equipment ID No.:	2-HV-CEQ-1	
	• •	(10) Air Handlers	.0
		CONTAINMENT HYDROGEN SKIMMER VENTILATI	ON FAN #1
7.		om impact by nearby equipment or structures?	Yes
8.	Are overhead equipmed masonry block walls n	ent, distribution systems, ceiling tiles and lighting, and ot likely to collapse onto the equipment?	Yes
9.	Do attached lines hav	e adequate flexibility to avoid damage?	Yes
10.		eismic interaction evaluations, is equipment free of ismic interaction effects?	Yes
Other	Adverse Conditions		
11.		nd found no adverse seismic conditions that could afety functions of the equipment?	Yes
Comr	ments		
Evalu	ated by:	Date George G Thomas	: 10/18/12
	Me	un).	
		Neda Stoeva	10/18/12

**Photos** 

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1



P9130260



P9130262





P9130261



P9130263



# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1

P9130264 P9130265







P9130268



P9130267



P9130269

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1



P9130271

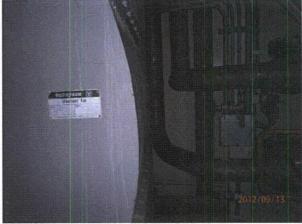


P9130273



2012/09/13

P9130272



P9130274



### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1 P9130275 P9130276











P9130279



P9130280

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1



P9130281





P9130283



P9130284





# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-CEQ-1

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #1

P9130285 P9130286







P9130289



P9130288

	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-HV-CEQ-2	
Equipment Class: (10) Air Handlers	
Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION	FAN #2
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): CON2, 625.00 ft, 74	
Manufacturer/Model:	# HITS
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 result findings. Additional space is provided at the end of this checklist for documenting other contents.	s of judgments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	No
<ol><li>Is the anchorage free of bent, broken, missing or loose hardware?</li></ol>	Yes
Missing bolt on support directly below 2-VMO-101 - OK per SEWS report - SQUG 2-HV-CEQ-2 REV0	
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
<ol> <li>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.)</li> </ol>	Not Applicable
	* **
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

								Status:	YNU
Seism	ic Walkdown C	hecklist (S	NC)						
	Equipment	ID No.: _2-	HV-CEQ-2	) : ::			**		
	Equipmen	nt Class: (1	0) Air Han	dlers	7				
	Equipment Des				OGEN SKIN	MER VEN	TILATIO	N FAN #2	
7.		s free from in	mpact by r	earby equip	ment or str	uctures?			Yes
							: \$ : 		
8.	Are overhead masonry block						and		Yes
9.	Do attached li	nes have ad	equate flex	ibility to avo	oid damage	?			Yes
10.	Based on the				ons, is equip	oment free	of		Yes
	potentially adv	erse seismic	cinteractio	n enects?					
			1,50 1,50 1,50 1,50		** :::		1\$1. 1301	apor cip. apor	
Other	Adverse Cond	<u>itions</u>							
11.	Have you look adversely affe					ns that coul	d		Yes
Comm	nents				The second secon	######################################	200	- A	dir that of a
Evalua	ated by:	grant 21.	3-6	- George G	3 Thomas		_ Date:	10/18/12	
		a.	Λ						
		alm	4.	Neda Stoev	ra .			10/18/12	
					-		<del></del>		

**Photos** 

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-CEQ-2

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #2





P9130291





P9130293





### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-CEQ-2

Equipment Class: (10) Air Handlers

Equipment Description: CONTAINMENT HYDROGEN SKIMMER VENTILATION FAN #2
P9130295 P9130296





P9130298

Sajamia Walkdawa Chacklist (SWC)	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-HV-DGX-2	
Equipment Class: (9) Fans	
Equipment Description: AB EMERGENCY DIESEL GENERATOR ROOM VENTILA	TION
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 e 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 com-	of judgments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	No
<ol><li>Is the anchorage free of bent, broken, missing or loose hardware?</li></ol>	Yes
Limited visibility of anchorage, visible portions OK	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
VERY LIMITED VISIBILITY	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
VERY LIMITED VISIBILITY	
<ol> <li>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.)</li> </ol>	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 Checklist (SWC) Equipment ID No.: 2-HV-DGX-2 Equipment Class: (9) Fans Equipment Description: AB EMERGENCY DIESEL GENERATOR ROOM VENTILATION 7. Are soft targets free from impact by nearby equipment or structures? Yes Rod hung light can swing into fan - OK, because it will not affect function of equipment 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and Yes masonry block walls not likely to collapse onto the equipment? 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? **Other Adverse Conditions** 11. Have you looked for and found no adverse seismic conditions that could Yes adversely affect the safety functions of the equipment? Comments George G Thomas Date: 10/18/12 Evaluated by: Neda Stoeva 10/18/12

**Photos** 

C-580

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-DGX-2



DC Cook Unit 1 & Unit 2 SD-121023-001 Rev. 0, 11/05/12

Status: Y N U

### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-DGX-2

Equipment Class: (9) Fans

Equipment Description: AB EMERGENCY DIESEL GENERATOR ROOM VENTILATION

P9130434 P9130435

	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-HV-SGRS-8	
Equipment Class: (9) Fans	TO SHEET THE STATE OF THE SHEET THE
Equipment Description: 4KV ROOM 600 VOLT SWITCHGEAR TRANSFORMER	RS TR21A
Project: DC Cook 2 SWEL	941-144-04-04-04-1-1-1-1-1-1-1-1-1-1-1-1-
Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 204	
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 resulting. Additional space is provided at the end of this checklist for documenting other of the control of t	ults of judgments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> <li>SQUG 2-HV-SGRS-8 REV0</li> </ol>	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
Unistrut mounted	
<ol> <li>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.)</li> </ol>	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Calanda Walladanna Chaaldi		Status: Y N U
Seismic Walkdown Checklis	st (SWC)	
Equipment ID No.	: 2-HV-SGRS-8	
Equipment Class	: _(9) Fans	
Equipment Description	: 4KV ROOM 600 VOLT SWITCHGEAR TRANSFORMERS TR	k21A
	rom impact by nearby equipment or structures?	Yes
	ent, distribution systems, ceiling tiles and lighting, and not likely to collapse onto the equipment?	Yes
9. Do attached lines have	e adequate flexibility to avoid damage?	Yes
	seismic interaction evaluations, is equipment free of eismic interaction effects?	Yes
Other Adverse Conditions		
11. Have you looked for a	and found no adverse seismic conditions that could afety functions of the equipment?	Yes
Comments		
Evaluated by:	)). Date: 10/1	8/12
(A)		50 - 1/2 50 - 1/2 50 - 1/2
W.	Neda Stoeva 10/1	8/12

**Photos** 

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-HV-SGRS-8

Equipment Class: (9) Fans

Equipment Description: 4KV ROOM 600 VOLT SWITCHGEAR TRANSFORMERS TR21A



P9170876





P9170878



P9170879

	Status: Y N	U
Seism	ic Walkdown Checklist (SWC)	
	Equipment ID No.: 2-IFI-53	
	Equipment Class: _(18) Instruments on Racks	
	Equipment Description: BORON INJECTION TO REACTOR COOLANT LOOP #3 FLOW	
	Project: DC Cook 2 SWEL	
Location	on (Bldg, Elev, Room/Area): CON2, 598.00 ft, 56	
	Manufacturer/Model:	
Instru	ctions for Completing Checklist	
SWEL finding	necklist may be used to document the results of the Seismic Walkdown of an item of equipment on the . The space below each of the following questions may be used to record the results of judgments and s. Additional space is provided at the end of this checklist for documenting other comments.	
Ancho		
1.	Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	S
2.	Is the anchorage free of bent, broken, missing or loose hardware?	S
2	Leather an absence from a fragment that is seen then will a surface exidation?	
3.	Is the anchorage free of corrosion that is more than mild surface oxidation?	S
4.	Is the anchorage free of visible cracks in the concrete near the anchors?	s
_		
5.	Is the anchorage configuration consistent with plant documentation? (Note: Ye This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)	S
6.	Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	S

Seismic W	alkdown Checklist	(SWC)				Status:	YN U
	Equipment ID No.:	2-IFI-53					
	Equipment Class:		s on Racks				:*
Faui	oment Description:			CTOR COOLAI	NT LOOP #	3 FLOW	
	soft targets free fro						Yes
ma	overhead equipme sonry block walls no alve directly above b	ot likely to collapse	e onto the equi	pment?			Yes
	concern.						
9. Do	attached lines have	adequate flexibil	ity to avoid dan	nage?			Yes
	sed on the above se entially adverse sei			equipment free	of		Yes
Other Adv	erse Conditions	121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 121 - 1					
11. Ha	ve you looked for ar versely affect the sa				ıld		Yes
Comments			255 255 25 255 25 254 254	- 5 - 5 - 3 - 3 - 4 - 3 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	5 202 E		
Evaluated I	oh: " " )	11. de 2	George G Thom	nas	Date: _	10/18/12	Tanana ya manasa 20
	Oh	unf.	da Stoeva			10/18/12	
		• Ne	ua Siueva			10/10/12	

**Photos** 

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IFI-53

Equipment Class: (18) Instruments on Racks

Equipment Description: BORON INJECTION TO REACTOR COOLANT LOOP #3 FLOW



P9120166



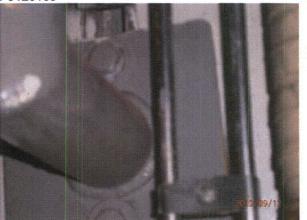


P9120168



P9120169





## Seismic Walkdown Checklist (SWC)

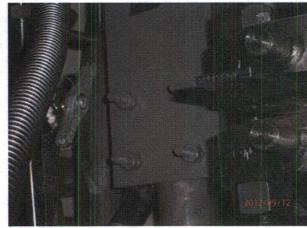
Equipment ID No.: 2-IFI-53

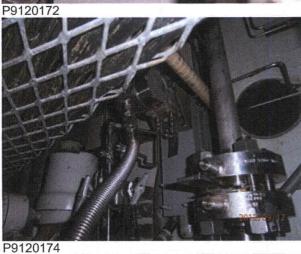
Equipment Class: (18) Instruments on Racks

Equipment Description: BORON INJECTION TO REACTOR COOLANT LOOP #3 FLOW

P9120170 P9120171









# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IFI-53

Equipment Class: (18) Instruments on Racks

Equipment Description: BORON INJECTION TO REACTOR COOLANT LOOP #3 FLOW



P9120176

SD-121023-0	01 Rev. 0, 11/05/12
	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 2-IMO-222	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: WEST CONTAINMENT SPRAY PUMP PP-9W DISCHARGE	TO
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): AB2, 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 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 common the common space is provided at the end of this checklist for documenting other common space.	f judgments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	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

## Seismic Walkdown Checklist (SWC)

configuration verification is required.)

potentially adverse seismic conditions?

6. Based on the above anchorage evaluations, is the anchorage free of

4. Is the anchorage free of visible cracks in the concrete near the anchors?

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

Yes

Not Applicable

Not Applicable

		N:			Status: Y	] N U
ic Walkdown	Checklist (SWC	)				
Equipme	ent ID No.: 2-IM	D-222				
Equipm	ent Class: _(8) M	otor-Operated and	Solenoid-Operated \	Valves		
Equipment D	escription: WES	T CONTAINMENT S	SPRAY PUMP PP-9	W DISCHAR	GE TO	
						Yes
				ng, and		Yes
Do attached	l lines have adequ	ate flexibility to avoi	id damage?			Yes
			ns, is equipment fre	e of		Yes
potentially a	idverse seismic in	teraction effects?				
Adverse Cor	nditions					
Have you lo	oked for and foun			ould		Yes
adversely a	ffect the safety fur	octions of the equipn	nent?			
ents						
		# 12 10 10 10 10 10 10 10 10 10 10 10 10 10	1 15			
ted by:	Though It. D	George G	Thomas	Date: _1	0/18/12	
	ON I					
	alum	/.	3846 <u>3</u> 35		0/40/40	
	The second secon	NOOTS STOOMS				
	Equipment Do Are soft target Are overhead masonry blood Block wall.  Do attached Based on the potentially and Adverse Core Have you loadversely and tents.	Equipment ID No.: 2-IMC Equipment Class: (8) M Equipment Description: WES Are soft targets free from import  Are overhead equipment, dist masonry block walls not likely Block wall near by - OK per an adverse Conditions  Have you looked for and foun adversely affect the safety fur	Are overhead equipment, distribution systems, ce masonry block walls not likely to collapse onto the Block wall near by - OK per DWG 12-4025, Walls  Do attached lines have adequate flexibility to avoid potentially adverse seismic interaction evaluation potentially adverse seismic interaction effects?  Adverse Conditions  Have you looked for and found no adverse seism adversely affect the safety functions of the equipments  ted by:  George G	Equipment ID No.:  Equipment Class:  (8) Motor-Operated and Solenoid-Operated Sequipment Description:  WEST CONTAINMENT SPRAY PUMP PP-Sequipment or structures?  Are soft targets free from impact by nearby equipment or structures?  Are overhead equipment, distribution systems, ceiling tiles and lighting masonry block walls not likely to collapse onto the equipment?  Block wall near by - OK per DWG 12-4025, Wall W-22  Do attached lines have adequate flexibility to avoid damage?  Based on the above seismic interaction evaluations, is equipment free potentially adverse seismic interaction effects?  Adverse Conditions  Have you looked for and found no adverse seismic conditions that conditions adversely affect the safety functions of the equipment?  Ments  George G Thomas	Equipment ID No.:  Equipment Class:  (8) Motor-Operated and Solenoid-Operated Valves  Equipment Description:  WEST CONTAINMENT SPRAY PUMP PP-9W DISCHARC  Are soft targets free from impact by nearby equipment or structures?  Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?  Block wall near by - OK per DWG 12-4025, Wall W-22  Do attached lines have adequate flexibility to avoid damage?  Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?  Adverse Conditions  Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?  The potential of the safety functions of the equipment?  Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?  Adverse Conditions  Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?  Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?  Adverse Conditions  Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?  Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic conditions.  Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic conditions.  Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic conditions.  Based on the above seismic interaction evaluations, is equipment?  Based on the above seismic interaction evaluations, is equipment?  Based on the above seismic interaction evaluations, is equipment?  Based on the above seismic interaction evaluations, is equipment?  Based on the above seismic interaction evaluations, is equipment?	Equipment ID No.: 2-IMO-222 Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves Equipment Description: WEST CONTAINMENT SPRAY PUMP PP-9W DISCHARGE TO Are soft targets free from impact by nearby equipment or structures?  Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?  Block wall near by - OK per DWG 12-4025, Wall W-22  Do attached lines have adequate flexibility to avoid damage?  Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?  Adverse Conditions Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?

**Photos** 

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-222

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: WEST CONTAINMENT SPRAY PUMP PP-9W DISCHARGE TO



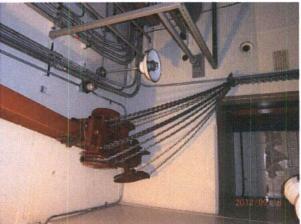
P9180821



P9180823



P9180822



P9180824

Status:	Υ	N	U

#### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-225

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: REFUELING WATER STORAGE TANK TO WEST CONTAINMENT

Project: DC Cook 2 SWEL

Location (Bldg, Elev, Room/Area): AB2, 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 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?

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: 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**

Equip	oment ID No.: 2-	IMO-225	
Equi	ipment Class: <u>(8</u>	) Motor-Operated and Solenoid-Operated Valves	
		EFUELING WATER STORAGE TANK TO WEST CONT	
7. Are soft	targets free from in	mpact by nearby equipment or structures?	Yes
0		distribution sustants calling tiles and lighting and	Va
masonry	block walls not lik	distribution systems, ceiling tiles and lighting, and kely to collapse onto the equipment? per DWG 12-4025, Wall W-22	Ye
	This series of the series of t		
		6.70	# X
9. Do attac	hed lines have add	equate flexibility to avoid damage?	Ye
		nic interaction evaluations, is equipment free of c interaction effects?	Ye
			Ye
			Ye
potential	lly adverse seismid		Yes
potential  Other Adverse (	Ily adverse seismic  Conditions  u looked for and for		
potential  Other Adverse (	Ily adverse seismic  Conditions  u looked for and for	c interaction effects?	
potential  Other Adverse (	Ily adverse seismic  Conditions  u looked for and for	c interaction effects?	
potential  Other Adverse (  11. Have yo adversel	Ily adverse seismic  Conditions  u looked for and for	c interaction effects?	
Dther Adverse of the second se	Ily adverse seismic  Conditions  u looked for and for	ound no adverse seismic conditions that could functions of the equipment?	
potential  Other Adverse (	Conditions u looked for and for affect the safety	ound no adverse seismic conditions that could functions of the equipment?	Ye

**Photos** 

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-225

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: REFUELING WATER STORAGE TANK TO WEST CONTAINMENT



P9180803





P9180805



P9180806

SD-121023-00	01 Rev. 0, 11/05/12
	Status: Y N U
l Valves	
PP-35W SUCTION	NC
	:: F:
n of an item of eque cord the results of enting other comm	judgments and
of the 50%	No
	Not Applicable
idation?	Not Applicable

Seismic Walkdown Checklist (SWC)
Equipment ID No.: 2-IMO-320
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves
Equipment Description: WEST RESIDUAL HEAT REMOVAL PUMP PP-35W SUCTION
Project: DC Cook 2 SWEL
Location (Bldg, Elev, Room/Area): AB2, 573.00 ft, 55
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
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>
2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicab
3. Is the anchorage free of corrosion that is more than mild surface oxidation?  Not Applicab
The state of the s
4. Is the anchorage free of visible cracks in the concrete near the anchors?  Not Applicab
<ol> <li>Is the anchorage configuration consistent with plant documentation? (Note:         Not Applicab         This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)     </li> </ol>
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?

187			
Status:	Υ	N	U

## Seismic Walkdown Checklist (SWC)

	Equipment ID No.:	2-IMO-320	1 1100		
	Equipment Class:	(8) Motor-Operated and Se	olenoid-Operated Valv	es es	
	Equipment Description:	WEST RESIDUAL HEAT I	REMOVAL PUMP PP-	35W SUCT	ION
7.		m impact by nearby equipm			Yes
8.	masonry block walls no	nt, distribution systems, ceil of likely to collapse onto the R# 00863253-01 - OK per D	equipment?		Yes
9.	Do attached lines have	adequate flexibility to avoid	I damage?		Yes
10.		ismic interaction evaluations mic interaction effects?	s, is equipment free of		Yes
Other /	Adverse Conditions				
11.		d found no adverse seismic fety functions of the equipme			Yes
Comm	<u>ents</u>				20 May 2 May
Evalua	ted by:	George G T	Γhomas	Date: _10	/18/12
	Oh	Neda Stoeva	10. 20. 31. 31.	<u>10</u>	/18/12

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-320

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: WEST RESIDUAL HEAT REMOVAL PUMP PP-35W SUCTION



P9180858



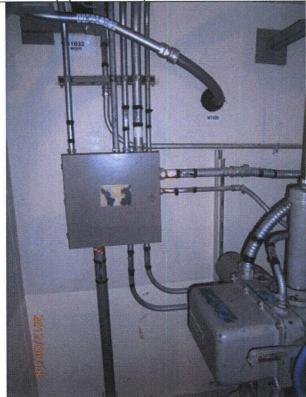
P9180859

#### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-320

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: WEST RESIDUAL HEAT REMOVAL PUMP PP-35W SUCTION





P9180861





P9180862



P9180863

Seism	mic Walkdown Checklist (SWC)	atus: [Y] N U
	Equipment ID No.: 2-IMO-331	
	Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
	Equipment Description: WEST RHR TO UPPER CONTAINMENT SPRAY SHUTOFF V	'ALVE
	Project: DC Cook 2 SWEL	
Location	ion (Bldg, Elev, Room/Area): AB2, 609.00 ft, 6	
	Manufacturer/Model:	
This cl	uctions for Completing Checklist checklist may be used to document the results of the Seismic Walkdown of an item of equip L. The space below each of the following questions may be used to record the results of ju gs. Additional space is provided at the end of this checklist for documenting other commen	udgments and
Ancho		
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
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 potentially adverse seismic conditions?	Yes

		Status: Y	] N U
Seismic	c Walkdown Checklist (SWC)		
	Equipment ID No.: 2-IMO-331		
	Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves		
Е	Equipment Description: WEST RHR TO UPPER CONTAINMENT SPRAY SHU	TOFF VALVE	
	Are soft targets free from impact by nearby equipment or structures?	18	Yes
	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
	Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?		Yes
Other A	Adverse Conditions	191	
	Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?		Yes
Comme	ents		**************************************
	_ F	×	
Evaluat	red by: George G Thomas Date:	10/18/12	*:
	Multi- Neda Steams	10/19/10	
	Neda Stoeva	10/18/12	

**Photos** 

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-331

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: WEST RHR TO UPPER CONTAINMENT SPRAY SHUTOFF VALVE



P9181140



P9181141



P9181142

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 2-IMO-350	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	ET/INJECTION
Equipment Description: WEST RHR HEAT EXCHANGER OUTLET TO SAF	ETY INJECTION
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): AB2, 609.00 ft, 6	
Manufacturer/Model:	
Instructions for Completing Checklist  This checklist may be used to document the results of the Seismic Walkdown of an its 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 other.	results of judgments and
<ul> <li>Anchorage</li> <li>1. Is anchorage configuration verification required (i.e., is the item one of the 50 of SWEL items requiring such verification)?</li> </ul>	% 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
<ol> <li>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.)</li> </ol>	Not Applicable ge
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Seism	ic Walkdown Checklist	(SWC)		Status: [	Y N U
	Equipment ID No.:	2-IMO-350			
		<del>7</del>	nd Solenoid-Operated Val	ves	
			CHANGER OUTLET TO		
7.	Are soft targets free fro				Yes
8.		nt, distribution systems ot likely to collapse onto	, ceiling tiles and lighting, a the equipment?	and	Yes
9.	Do attached lines have	adequate flexibility to a	avoid damage?		Yes
**************************************			<b>.</b>		
10.		eismic interaction evalua	ations, is equipment free o	f	Yes
		da azalika			
	Adverse Conditions	.arebara.arar	and the second s		V
11.		fety functions of the equ	smic conditions that could uipment?		Yes
Comm	nents				
Evalua	ited by:	J. De George	e G Thomas	Date: _10/18/12	
	Olu	mf.		10/19/12	

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-350

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: WEST RHR HEAT EXCHANGER OUTLET TO SAFETY INJECTION



P9181144



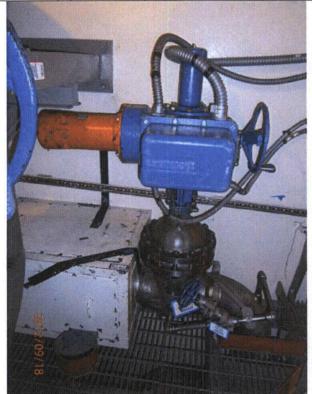
P9181145

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-350

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: WEST RHR HEAT EXCHANGER OUTLET TO SAFETY INJECTION



P9181146



P9181148



P9181147

	Status: Y N U
Seismic Walkdown Checklist (SWC)	an in anti-content of the second of the seco
Equipment ID No.: 2-IMO-52	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: BORON INJECTION TO REACTOR COOLANT LOOP #2	SHUTOFF
Project: DC Cook 2 SWEL	
Location (Bldg, Elev, Room/Area): CON2, 598.00 ft, 59	
Manufacturer/Model:	
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 continuous contents.	s of judgments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	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?	Yes
<ol> <li>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.)</li> </ol>	Not Applicable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

	01-1	7
Seism	ic Walkdown Checklist (SWC)	ט א ַ
	Equipment ID No.: 2-IMO-52	
	Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
	Equipment Description: BORON INJECTION TO REACTOR COOLANT LOOP #2 SHUTOFF Are soft targets free from impact by nearby equipment or structures?	Yes
۲.	Are soft targets free from impact by frearby equipment of structures:	163
8.	Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	Yes
	masonly block want not interfect to contapse onto the equipment.	
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?	
Other	Adverse Conditions	
11.	Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?	Yes
		<u> </u>
Comm	<u>ients</u>	
Evalua	ted by: George G Thomas Date: 10/18/12	
	Θν0	

Neda Stoeva

# **Photos**

10/18/12

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-52

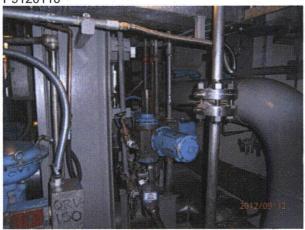
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: BORON INJECTION TO REACTOR COOLANT LOOP #2 SHUTOFF





P9120110



P9120111



P9120112



P9120113



## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-52

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: BORON INJECTION TO REACTOR COOLANT LOOP #2 SHUTOFF P9120115

P9120114







P9120118



P9120117



P9120119

## Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-52

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: BORON INJECTION TO REACTOR COOLANT LOOP #2 SHUTOFF





P9120120 P9120121

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 2-IMO-911	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: REFUELING WATER STORAGE TANK TO CVCS CHARGIN	JG
Project: DC Cook 2 SWEL	<u> </u>
Location (Bldg, Elev, Room/Area): AB2, 587.00 ft, 40	
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 findings. Additional space is provided at the end of this checklist for documenting other comm	judgments and
Anchorage	
<ol> <li>Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?</li> </ol>	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
	NI-A APLI
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
<ol> <li>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.)</li> </ol>	Not Applicable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Seismic Walkdown Checklist	(SWC)	Status: Y N U
Equipment ID No.:	2-IMO-911	
Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves	*
Equipment Description:	REFUELING WATER STORAGE TANK TO CVCS CHAR	RGING
	m impact by nearby equipment or structures?	Yes
	nt, distribution systems, ceiling tiles and lighting, and ot likely to collapse onto the equipment?	Yes
9. Do attached lines have	adequate flexibility to avoid damage?	Yes
	ismic interaction evaluations, is equipment free of smic interaction effects?	Yes
	nd found no adverse seismic conditions that could fety functions of the equipment?	Yes
Comments		
Evaluated by:	George G Thomas Date:	10/18/12
Oh	Neda Stoeva	10/18/12

#### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-IMO-911

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: REFUELING WATER STORAGE TANK TO CVCS CHARGING



P9180760



P9180761

#### Seismic Walkdown Checklist (SWC)

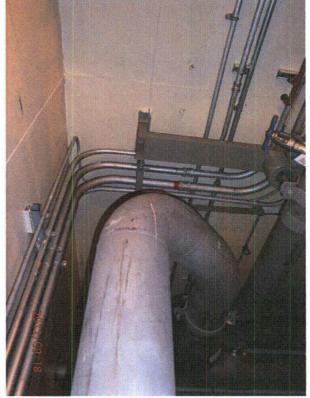
Equipment ID No.: 2-IMO-911

Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves

Equipment Description: REFUELING WATER STORAGE TANK TO CVCS CHARGING



P9180762



P9180763

#### Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-MCAB

Equipment Class: (14) Distribution Panels

Equipment Description: 250VDC DISTRIBUTION PANEL MCAB

Project: DC Cook 2 SWEL

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 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)?
 CANNOT OPEN - CAN'T SEE ANCHORAGE

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

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.)

Unknown

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?
Cannot open - cannot see anchorage

Unknown

#### **Interaction Effects**

Status: Y N U Seismic Walkdown Checklist (SWC) Equipment ID No.: 2-MCAB Equipment Class: (14) Distribution Panels Equipment Description: 250VDC DISTRIBUTION PANEL MCAB 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? 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? **Other Adverse Conditions** 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 George G Thomas Evaluated by: Date: 10/18/12

Neda Stoeva

## **Photos**

10/18/12

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-MCAB

Equipment Class: \_(14) Distribution Panels

Equipment Description: 250VDC DISTRIBUTION PANEL MCAB



P9170853



P9170854

# Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2-MCAB

Equipment Class: (14) Distribution Panels

Equipment Description: 250VDC DISTRIBUTION PANEL MCAB



P9170855