Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1CV02SB	
Equipment Class: (21) Tanks and Heat Exchangers	
Equipment Description: 1B CENTRIFUGAL CHARGING PUMP GEAR COOLER	-
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of e SWEL. The space below each of the following questions may be used to record the results findings. Additional space is provided at the end of this checklist for documenting other com-	of judgments and
Anchorage 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? anchored to skid	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
 Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Detail for skid mounting shown on Drawing 5-162-06-018-003 Revision 4. Well-secured to skid. 	Yes

Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1CV02SB Equipment Class: (21) Tanks and Heat Exchangers Equipment Description: 1B CENTRIFUGAL CHARGING PUMP GEAR COOLER **Interaction Effects** 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? Comments Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda Marlene Delaney Evaluated by: Date: 10/1/2012 Philip Gazda 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CV02SB

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: 1B CENTRIFUGAL CHARGING PUMP GEAR COOLER

Photos





1CV02SB 7-19-12 022

1CV02SB 7-19-12 023

Seismic Walkdown Checklist (S	SWC)	Status: Y N U
Equipment ID No.: 1	CV112D	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: F	RWST TO CHG PMPS SUCT VLV (C/S AT 1PM05J) ASME	BLY; 8"
Project	:: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area)	: Auxiliary, 364.00 ft, ALL	
Manufacturer/Model		
Instructions for Completing Che		
SWEL. The space below each of	cument the results of the Seismic Walkdown of an item of e the following questions may be used to record the results dided at the end of this checklist for documenting other com	of judgments and
<u>Anchorage</u>		
 Is anchorage configuration of SWEL items requiring s 	n verification required (i.e., is the item one of the 50% such verification)?	No
2. Is the anchorage free of b	pent, broken, missing or loose hardware?	Not Applicable
3. Is the anchorage free of c	corrosion that is more than mild surface oxidation?	Not Applicable
4. Is the anchorage free of v	risible cracks in the concrete near the anchors?	Not Applicable
	ration consistent with plant documentation? (Note: s if the item is one of the 50% for which an anchorage is required.)	Not Applicable
Based on the above anch potentially adverse seism	orage evaluations, is the anchorage free of ic conditions?	Yes

Seismic Walkdown Checklist (Status	: [Y] N U
Equipment ID No.: _		
_	(8) Motor-Operated and Solenoid-Operated Valves	
	RWST TO CHG PMPS SUCT VLV (C/S AT 1PM05J) ASMBLY; 8"	
Interaction Effects		.,
7. Are soft targets free from	n impact by nearby equipment or structures?	Yes
	t, distribution systems, ceiling tiles and lighting, and likely to collapse onto the equipment? Into are well-supported	Yes
9. Do attached lines have a	adequate flexibility to avoid damage?	Yes
	and quality in an analysis and a series and	
	•	
10. Based on the above seis	smic interaction evaluations, is equipment free of	Yes
potentially adverse seisr	nic interaction effects?	
Other Adverse Conditions		
	found no adverse seismic conditions that could	Yes
•	ty functions of the equipment?	
Visual from floor.		
Comments		
Johnnen D		
Seismic walkdown performed we	eek of 7/16/12 by M. Delaney & P. Gazda	
Martin	. 4/ A. /	
, puece	L M Selesy	
	i j	
Evaluated by:	Marlene Delaney Date: 10/1/2012	
01	Shapela Philip Gazda 10/1/2012	
0.0	Philip Gazda 10/1/2012	

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CV112D

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

Equipment Description: RWST TO CHG PMPS SUCT VLV (C/S AT 1PM05J) ASMBLY; 8"

Photos



1CV112D 7-19-12 038

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1CV112E	
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Equipment Description: RWST TO CHG PMPS SUCT VLV (C/S AT 1PM05J) ASMB	LY; 8"
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of ed 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 comments.	f judgments and
Anchorage1. 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

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159

Sheet 2 of 3

Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1CV112E Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves Equipment Description: RWST TO CHG PMPS SUCT VLV (C/S AT 1PM05J) ASMBLY; 8" **Interaction Effects** 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 Yes 11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Visual observation from floor. View is obstructed. Comments Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda Marlene Delaney Evaluated by: Date: 10/1/2012 Philip Gazda 10/1/2012

Seismic Wal	kdown Checklist	(SWC)	j
E	quipment ID No.:	1CV112E	_
E	Equipment Class:	(8) Motor-Operated and Solenoid-Operated Valves	_
Equipr	ment Description:	RWST TO CHG PMPS SUCT VLV (C/S AT 1PM05J) ASMBLY; 8"	
Photos			
None.			

12Q0108.10-R-001 Rev. 0

Correspondence No.: RS-12-159 Sheet 1 of 3

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CV8355A

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

Equipment Description: RCP 1A SEAL INJECTION ISOL VLV (C/S AT 1PM05J) ASMBLY; 2"

Project: Braidwood 1 SWEL

Location (Bldg, Elev, Room/Area): Auxiliary, 401.00 ft, ALL

Manufacturer/Model:

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?

No

2. Is the anchorage free of bent, broken, missing or loose hardware?

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

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159

Sheet 2 of 3

Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1CV8355A Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves Equipment Description: RCP 1A SEAL INJECTION ISOL VLV (C/S AT 1PM05J) ASMBLY; 2" Interaction Effects 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? Piping is well-supported. Rugged valve. **Comments** Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda C.O. Mysh p Evaluated by: Marlene Delaney Date: 10/1/2012 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CV8355A

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

Equipment Description: RCP 1A SEAL INJECTION ISOL VLV (C/S AT 1PM05J) ASMBLY; 2"

Photos



1CV8355A 7-19-12 Group 2 002

Oniomia Walladawa Obashiat (OWO)	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1DC01E	·
Equipment Class: (15) Batteries on Racks	
Equipment Description: 125V BATTERY 111 DIV. 11	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL	
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 cord	s of judgments and
Anchorage Supplies the state of the specific	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
 Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Drawing 20E-0-3391BE Revision C Detail 19172 	Yes
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.:		
	Equipment Class:		
	Equipment Description:	125V BATTERY 111 DIV. 11	
		n impact by nearby equipment or structures?	Yes
			,
8.	masonry block walls no Seismic block walls, o	nt, distribution systems, ceiling tiles and lighting, and tilkely to collapse onto the equipment? verhead lights have closed S-hooks and bulb guards.	Yes
	1395981 was written. 1	alkdown, NRC identified open S-hooks in this room. In Inlikely that lights would fall on equipment since the S Iy open and not all S-hooks for a light are open.	
9.	-	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	onte	<u> </u>	
Commi	ents		
Seismi	c walkdown performed w	eek of 7/16/12 by M. Delaney & P. Gazda	
	Mailes	e M Selany	
Evalua	ted by:	Marlene Delaney Date	e: 10/1/2012
	G.O.	hych Philip Gazda	10/1/2012

Seismic Walkdown Checklist (SWC)

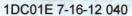
Equipment ID No.: 1DC01E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V BATTERY 111 DIV. 11

Photos







1DC01E 7-16-12 041

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC01E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V BATTERY 111 DIV. 11



1DC01E 7-16-12 042

Seismic Walkdown Checklist (SW	Status: Y N	U
·		
Equipment ID No.: 1D0		
Equipment Class: (15)		
	V BATTERY 112 DIV. 12 Braidwood 1 SWEL	
• -		
Location (Bldg, Elev, Room/Area): _ Manufacturer/Model:	Auxiliary, 451:00 ft, ALL	
Instructions for Completing Check	diet	
This checklist may be used to docum SWEL. The space below each of the	nent the results of the Seismic Walkdown of an item of equipment on the e following questions may be used to record the results of judgments and d at the end of this checklist for documenting other comments.	
Anchorage		
 Is anchorage configuration v of SWEL items requiring suc 		Yes
2. Is the anchorage free of ben	t, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corr	rosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visit	ble cracks in the concrete near the anchors?	Yes
This question only applies if configuration verification is r Drawing 20E-0-3391BE Re	the item is one of the 50% for which an anchorage equired.)	Yes
 Based on the above anchors potentially adverse seismic of 	9,	Yes

Status: Y Seismic Walkdown Checklist (SWC) Equipment ID No.: 1DC02E Equipment Class: (15) Batteries on Racks Equipment Description: 125V BATTERY 112 DIV. 12 Interaction Effects Yes 7. Are soft targets free from impact by nearby equipment or structures? 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and Yes masonry block walls not likely to collapse onto the equipment? Overhead lights on chains with closed S-hooks (base not always visible). Subsequent it was noted that one top S-hook is open on one light. IR 1395992 was written. Unlikely that lights would fall and damage equipment since the Shook is not completely open and not all S-hooks on light are open. Light bulbs have guards. Seismic block walls 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 Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda

Sheet 3 of 3

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC02E

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V BATTERY 112 DIV. 12

Evaluated by:

Marlene Delaney

Date: 10/1/2012

Philip Gazda

10/1/2012

Photos



1DC02E 7-16-12 061



1DC02E 7-16-12 062

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159

Sheet 1 of 4

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1DC04E	
Equipment Class: (16) Battery Chargers and Inverters	
Equipment Description: BATTERY CHARGER 112 DIV. 12	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL	
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	V
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
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
configuration verification is required.)	•
Drawing 20E-0-3391N Revision AH Detail 8745	
·	
6. Based on the above anchorage evaluations, is the anchorage free of	Yes
potentially adverse seismic conditions?	

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159

Sheet 2 of 4

Seismic Walkdown Checklis	t (SWC)	Status: Y N U
Equipment ID No.:	1DC04E	
Equipment Class:	(16) Battery Chargers and Inverters	
Equipment Description:	BATTERY CHARGER 112 DIV. 12	
Interaction Effects		
7. Are soft targets free fr	om impact by nearby equipment or structures?	Yes
	ent, distribution systems, ceiling tiles and lighting, and ot likely to collapse onto the equipment?	Yes
9. Do attached lines have	e adequate flexibility to avoid damage?	Yes
	eismic interaction evaluations, is equipment free of smic interaction effects?	Yes
Other Adverse Conditions		
	nd found no adverse seismic conditions that could	Yes
	fety functions of the equipment?	
See AWC 8 for discu	ssion on small crack in wall near equipment.	•
Comments		
Seismic walkdown performed	week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	Marlene Delaney Date:	10/1/2012
Evaluated by:	Philip Gazda	10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC04E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: BATTERY CHARGER 112 DIV. 12

Photos



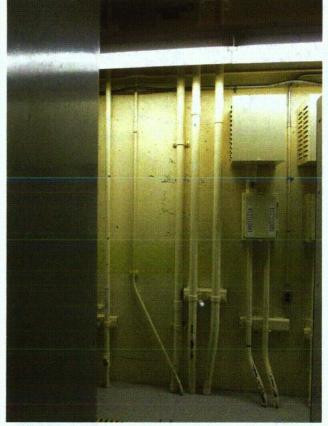
1DC04E (NP 6695 crack) 7-16-12 063



1DC04E 7-16-12 060



1DC04E 7-16-12 059



1DC04E 7-16-12 064

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC04E

Equipment Class: (16) Battery Chargers and Inverters

Equipment Description: BATTERY CHARGER 112 DIV. 12



1DC04E 7-16-12 065

	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1DC06E	
Equipment Class: (14) Distribution Panels	
Equipment Description: 125V DC ESF DIST CENTER 112	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equivalent of 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 communications.	f judgments and
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
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.) Drawing 20E-0-3391C Rev BM specifies 1 1/2" @ 12, actual weld exceeds drawing requirements 	Yes
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
	nt ID No.: 1DC06E	
•	ent Class: (14) Distribution Panels	
	escription: 125V DC ESF DIST CENTER 112	
Interaction Effects		
7. Are soft targe	ets free from impact by nearby equipment or structures?	Yes
masonry bloo No bulb gua	d equipment, distribution systems, ceiling tiles and lighting, and ck walls not likely to collapse onto the equipment? ards on lights but if the lights fell they would not damage S&L Standard EE-103 does not require guards on fluorescent	Yes
9. Do attached	lines have adequate flexibility to avoid damage?	Yes
	e above seismic interaction evaluations, is equipment free of dverse seismic interaction effects?	Yes
Other Adverse Con	<u>ditions</u>	
•	oked for and found no adverse seismic conditions that could fect the safety functions of the equipment?	Yes
Comments Seismic walkdown pe	erformed week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	Ca. Inch	10/1/2012 10/1/2012

Seismic Walkdown Checklist (SWC)

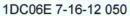
Equipment ID No.: 1DC06E

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC ESF DIST CENTER 112

Photos







1DC06E 7-16-12 051

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC06E

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC ESF DIST CENTER 112



1DC06E 7-16-12 052

Status: Y N Seismic Walkdown Checklist (SWC)	U
Equipment ID No.: 1DC10J	
Equipment Class: (14) Distribution Panels	_
Equipment Description: 125V DC FUSE PANEL - DIV. 11	_
Project: Braidwood 1 SWEL	_
Location (Bldg, Elev, Room/Area): Auxiliary, 451.00 ft, ALL	_
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	s
of SWEL items requiring such verification)? 2. Is the anchorage free of bent, broken, missing or loose hardware? Yes 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes	
4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes	
 Is the anchorage configuration consistent with plant documentation? (Note: Yes This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Drawing 20E-0-3391AH Rev AV Detail 10030 	S
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	S

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Correspondence No.: RS-12-159 Sheet 2 of 3

Seismic Walkdown Ch	cklist (SWC)	Status: Y N U
	No.: 1DC10J	
• •	ass: (14) Distribution Panels	
Equipment Descr		
Interaction Effects	IIII. 123V DC FUSE FANEL - DIV. 11	
· · · · · · · · · · · · · · · · · · ·	ee from impact by nearby equipment or structures?	Yes
	ipment, distribution systems, ceiling tiles and lighting, and alls not likely to collapse onto the equipment? It is adequate	Yes
9. Do attached line	have adequate flexibility to avoid damage?	Yes
	ve seismic interaction evaluations, is equipment free of e seismic interaction effects?	Yes
	ns for and found no adverse seismic conditions that could ne safety functions of the equipment?	Yes
Comments		
Seismic walkdown perfo	ned week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	1. So oh	0/1/2012 0/1/2012

Sheet 3 of 3

Status: Y N U

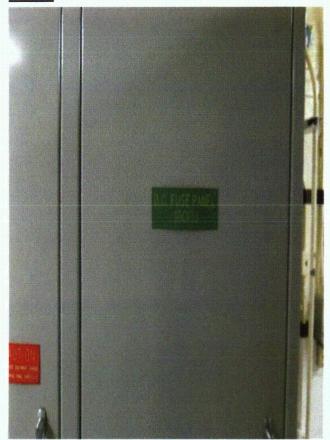
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC10J

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC FUSE PANEL - DIV. 11

Photos





1DC10J 7-16-12 043

1DC10J 7-16-12 044

Seismic Walkdown Checklist (\$	swc)	Status: Y N U
Equipment ID No.:	·	
· · ·	14) Distribution Panels	
· · · · · -	125V DC FUSE PANEL - DIV. 12	
Projec		
Location (Bldg, Elev, Room/Area)		
Manufacturer/Mode		
Instructions for Completing Ch		
This checklist may be used to do SWEL. The space below each of findings. Additional space is prov	cument the results of the Seismic Walkdown of an item of earthe following questions may be used to record the results or ided at the end of this checklist for documenting other compared to the compared to t	of judgments and
Anchorage	25 41	.,
 Is anchorage configuration of SWEL items requiring 	on verification required (i.e., is the item one of the 50% such verification)?	Yes
, ·	pent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of o	corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of	visible cracks in the concrete near the anchors?	Yes
	•	Yes
Based on the above anch potentially adverse seism	norage evaluations, is the anchorage free of iic conditions?	Yes

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159

Sheet 2 of 4

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1DC11J	
Equipment Class: (14) Distribution Panels	
Equipment Description: 125V DC FUSE PANEL - DIV. 12	
Interaction Effects	
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
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	
11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment?	Yes
Comments	
Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda	
Ca. hach	10/1/2012 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC11J

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC FUSE PANEL - DIV. 12

Photos





1DC11J 7-16-12 047

1DC11J 7-16-12 048

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DC11J

Equipment Class: (14) Distribution Panels

Equipment Description: 125V DC FUSE PANEL - DIV. 12



1DC11J 7-16-12 049

Status: Y N Seismic Walkdown Checklist (SWC)	U
Equipment ID No.: 1DG01KB	
Equipment Class: (17) Engine-Generators	
Equipment Description: 1B DIESEL GENERATOR	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 401.00 ft, ALL	
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.	
<u>Anchorage</u>	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) M-1222 Sheet 11 Revision D See AWC 11 for thread engagement of heat exchanger skid.	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Seism	ic Walkdown Checklist	(SWC)			Status: Y	ט א [
	Equipment ID No.:					
		(17) Engine-Generator				
	Equipment Description:	1B DIESEL GENERA				
	ction Effects	IB DIESEL GENERA	TON			
	Are soft targets free fro	m impact by nearby equ	ipment or structures?			Yes
				•		
. '				•		
8.	Are overhead equipme	nt, distribution systems, ot likely to collapse onto		g, and		Yes
	Overhead trolley bear		are equipment.			
9.	Do attached lines have	adequate flexibility to a	void damage?			Yes
10.		eismic interaction evaluation interaction effects?		of	· · ·	Yes
	•					.*
		·			•	
Other	Adverse Conditions					
11.	_	nd found no adverse seis fety functions of the equ		ıld		Yes
Comm	oonte		 			
<u>Comm</u> Seismi	ic walkdown performed w	veek of 7/16/12 by M. De	elaney & P. Gazda			
	Mailes	Le M Selany	`		Ũ	
Evalua	ited by:	\cup	Marlene Delaney	Date:	10/1/2012	
		hych Philip				
	<u> </u>	Philip (Gazda		10/1/2012	

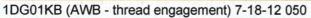
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DG01KB

Equipment Class: (17) Engine-Generators

Equipment Description: 1B DIESEL GENERATOR







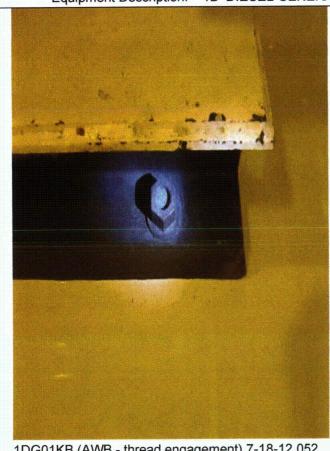
1DG01KB (AWB - thread engagement) 7-18-12 051

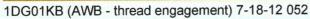
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DG01KB

Equipment Class: (17) Engine-Generators

Equipment Description: 1B DIESEL GENERATOR







1DG01KB (AWB - thread engagement) 7-18-12 053

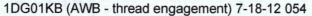
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DG01KB

Equipment Class: (17) Engine-Generators

Equipment Description: 1B DIESEL GENERATOR







1DG01KB 7-16-12 084

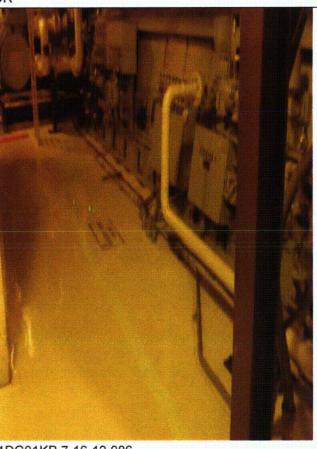
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DG01KB

Equipment Class: (17) Engine-Generators

Equipment Description: 1B DIESEL GENERATOR





1DG01KB 7-16-12 086

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Sheet 1 of 8

Seismic Walkdown Checklist (SWC) Equipment ID No.: 1DO01TB Equipment Class: (21) Tanks and Heat Exchangers Equipment Description: DIESEL OIL STORAGE TANK 1B Project: Braidwood 1 SWEL	
Equipment Class: (21) Tanks and Heat Exchangers Equipment Description: DIESEL OIL STORAGE TANK 1B	
Equipment Description: DIESEL OIL STORAGE TANK 1B	
110,000. 514.41004 101122	
Location (Bldg, Elev, Room/Area): Auxiliary, 373.00 ft, ALL	
Manufacturer/Model:	<u> </u>
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an ite SWEL. The space below each of the following questions may be used to record the refindings. Additional space is provided at the end of this checklist for documenting other	esults of judgments and
Anchorage1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	% Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	, Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Drawing M-1214 Sheet 3 Revision Z 4 of 12 anchor bolts have hairline cracks in the 1'thick foundation pad that do not extend into the base slab. A review of the design drawings was performed The tank locations are shown on Drawing M-1216 Sheet 1 Revision W. The anchor bolt locations and details are shown on Drawing M-1214 Sheet 3 Revision Z. The anchor bolts are embedded 1'-3 ½" in the base slab. The approximate total length of the anchor bolts is 3'-9". The pad is shown on section G-G shows a #6 reinforcing bar outside of the anchor bolt that will	

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 2 of 8

Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1D001TB Equipment Class: (21) Tanks and Heat Exchangers Equipment Description: DIESEL OIL STORAGE TANK 1B Since the anchor bolt is founded in the base slab and the pad has reinforcing across the hairline cracks, this cracking is judged to not impact the strength of the anchors. IR 1389743 was written. 6. Based on the above anchorage evaluations, is the anchorage free of Yes potentially adverse seismic conditions? **Interaction Effects** 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** Have you looked for and found no adverse seismic conditions that could Yes adversely affect the safety functions of the equipment? Comments Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda

Sheet 3 of 8

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DO01TB

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: DIESEL OIL STORAGE TANK 1B

Marlene Delaney

Date:

10/1/2012

Evaluated by:

Philip Gazda

10/1/2012

Photos



1DO01TB 7-16-12 091



1DO01TB 7-16-12 092

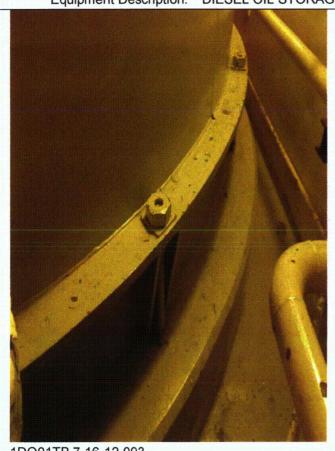
Sheet 4 of 8

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DO01TB

Equipment Class: (21) Tanks and Heat Exchangers





1DO01TB 7-16-12 093

1DO01TB 7-16-12 094

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DO01TB

Equipment Class: (21) Tanks and Heat Exchangers





1DO01TB 7-16-12 095

1DO01TB 7-17-12 013

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DO01TB

Equipment Class: (21) Tanks and Heat Exchangers





1DO01TB 7-17-12 014

1DO01TB 7-17-12 015

Sheet 7 of 8

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DO01TB

Equipment Class: (21) Tanks and Heat Exchangers





1DO01TB 7-17-12 016

1DO01TB 7-17-12 017

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DO01TB

Equipment Class: (21) Tanks and Heat Exchangers



1DO01TB 7-17-12 018

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 1 of 5

Status: Y Seismic Walkdown Checklist (SWC)	N U
Equipment ID No.: 1DO10T	
Equipment Class: (21) Tanks and Heat Exchangers	
Equipment Description: 500 GAL DIESEL OIL DAY TANK	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 383.00 ft, ALL	
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.	
<u>Anchorage</u>	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
 Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Drawing M-1220 Sheet 5 Revision Y 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

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Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1DO10T Equipment Class: (21) Tanks and Heat Exchangers Equipment Description: 500 GAL DIESEL OIL DAY TANK Interaction Effects 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? , Seismic block walls 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** Yes 11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Comments Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda C.O. Mych Evaluated by: Marlene Delaney Date: 10/1/2012 Philip Gazda 10/1/2012

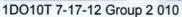
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DO10T

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: 500 GAL DIESEL OIL DAY TANK







1DO10T 7-17-12 Group 2 011

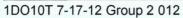
Seismic Walkdown Checklist (SWC)

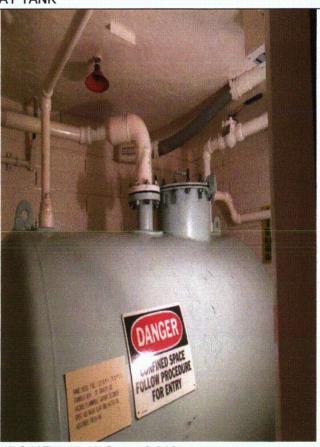
Equipment ID No.: 1DO10T

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: 500 GAL DIESEL OIL DAY TANK







1DO10T 7-17-12 Group 2 013

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1DO10T

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: 500 GAL DIESEL OIL DAY TANK



1DO10T 7-17-12 Group 2 014

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159

Sheet 1 of 3

Status: Y Seismic Walkdown Checklist (SWC) Equipment ID No.: 1FC010 Equipment Class: (0) Other REFUELING WTR PURIF PMP SUCT FROM U-1 REFUEL CAV CNMT ISOL Equipment Description: VALVE Project: Braidwood 1 SWEL Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL Manufacturer/Model: **Instructions for Completing Checklist** This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments. Anchorage No Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable 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? 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?

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 2 of 3

Seismic Walkdown C	hecklist (SWC)	Status: Y N U
Equipment	ID No.: 1FC010	
Equipment	t Class: (0) Other REFUELING WTR PURIF PMP SUCT FROM U-1	REFUEL CAV CNMT ISOL
Equipment Desc		
Interaction Effects		
7. Are soft targets	s free from impact by nearby equipment or structures?	Yes
	equipment, distribution systems, ceiling tiles and lighting, and walls not likely to collapse onto the equipment?	d Yes
9. Do attached lin	nes have adequate flexibility to avoid damage?	Yes
	above seismic interaction evaluations, is equipment free of erse seismic interaction effects?	Yes
Other Adverse Condi	tions	
11. Have you looke adversely affect	ed for and found no adverse seismic conditions that could ct the safety functions of the equipment? Ive, well-supported.	Yes
Comments Seismic walkdown perf	formed week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	Marlene Delaney D C. C. Mysh Philip Gazda	ate: 10/1/2012 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1FC010

Equipment Class: (0) Other

REFUELING WTR PURIF PMP SUCT FROM U-1 REFUEL CAV CNMT ISOL

Equipment Description: VALVE



1FC010 7-19-12 Group 2 001

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 1 of 4

Status: Y N Seismic Walkdown Checklist (SWC)	ı U
Equipment ID No.: 1FC01A	
Equipment Class: (21) Tanks and Heat Exchangers	
Equipment Description: SPENT FUEL PIT HEAT EXCHANGER	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL	
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.	
<u>Anchorage</u>	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	Yes
2. Is the anchorage free of bent, broken, missing or loose hardware?	Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Drawing M-1222 Sheet 4 Revision AM Detail 80A	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

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Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1FC01A Equipment Class: (21) Tanks and Heat Exchangers Equipment Description: SPENT FUEL PIT HEAT EXCHANGER Interaction Effects 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? Comments Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda Marlene Delaney Evaluated by: Date: 10/1/2012 Philip Gazda 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1FC01A

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: SPENT FUEL PIT HEAT EXCHANGER





1FC01A 7-18-12 069

1FC01A 7-18-12 070

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1FC01A

Equipment Class: (21) Tanks and Heat Exchangers

Equipment Description: SPENT FUEL PIT HEAT EXCHANGER



1FC01A 7-18-12 071

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 1 of 4

Seismic Walkdown Checklist (SW		Status: Y N U
Equipment ID No.: 1F0		
Equipment Class: (5)		
* *	FUEL POOL COOLING PUMP	
Project:	Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area):		
Manufacturer/Model:	Advillary, 401.00 II, ALL	
Instructions for Completing Chec	klist	
This checklist may be used to docur SWEL. The space below each of the findings. Additional space is provide	ment the results of the Seismic Walkdown of an item of equal to record the results of ed at the end of this checklist for documenting other comme	judgments and
<u>Anchorage</u>	· · · · · · · · · · · · · · · · · · ·	N.
 Is anchorage configuration to of SWEL items requiring sur 	verification required (i.e., is the item one of the 50% ch verification)?	No
Is the anchorage free of ber	nt, broken, missing or loose hardware?	Yes
3. Is the anchorage free of cor	rosion that is more than mild surface oxidation?	Yes
4. Is the anchorage free of vis	ible cracks in the concrete near the anchors?	Yes
<u> </u>	ion consistent with plant documentation? (Note: f the item is one of the 50% for which an anchorage required.)	Not Applicable
Based on the above anchor potentially adverse seismic	rage evaluations, is the anchorage free of conditions?	Yes

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159

Sheet 2 of 4

Yes
Yes
*
Yes
Yes
Yes
Yes
12

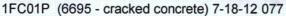
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1FC01P

Equipment Class: (5) Horizontal Pumps

Equipment Description: U-1 FUEL POOL COOLING PUMP







1FC01P 7-18-12 059

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 4 of 4

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1FC01P

Equipment Class: (5) Horizontal Pumps

Equipment Description: U-1 FUEL POOL COOLING PUMP



1FC01P 7-19-12 010

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Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1FC8756	
Equipment Class: (0) Other	
Equipment Description: U1 SPENT FUEL PIT PMP SUCTION ISOL VALVE	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL	
Manufacturer/Model:	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of an item of ed 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 comments.	of judgments and
<u>Anchorage</u>	·
 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

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 2 of 3

Sainmia Walledown Charleigh	(6)4(0)	Status: Y N U
Seismic Walkdown Checklist	(SWC)	
Equipment ID No.:	1FC8756	
Equipment Class:	(0) Other	·
Equipment Description:	U1 SPENT FUEL PIT PMP SUCTION ISOL VALVE	
Interaction Effects		
Are soft targets free from	n impact by nearby equipment or structures?	Yes
		. ,
	nt, distribution systems, ceiling tiles and lighting, and tilkely to collapse onto the equipment?	Yes
9. Do attached lines have	adequate flexibility to avoid damage?	Yes
·		•
40 6 4 4 4 4 4		
 Based on the above sei potentially adverse seis 	smic interaction evaluations, is equipment free of mic interaction effects?	Yes
posternamy diamenae cons		
•.		
Other Advanced in the control of the	·	<u> </u>
Other Adverse Conditions 11. Have you looked for and	d found no adverse seismic conditions that could	Yes
	ety functions of the equipment?	
Rugged valve and well	l-supported	
	•	·
Comments		
	eek of 7/16/12 by M. Delaney & P. Gazda	
Marles	e M Seleny	
Evaluated by:	Marlene Delaney Date:	10/1/2012
G.0.	Mych Philip Gazda	10/1/2012

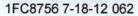
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1FC8756

Equipment Class: (0) Other

Equipment Description: U1 SPENT FUEL PIT PMP SUCTION ISOL VALVE







1FC8756 7-18-12 063

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 1 of 3

Seismic Walkdown Checklist	(SMC)	Status: Y N U
	•	
Equipment ID No.:		
Equipment Class:		/ALX/=
	REFUELING WTR PURIF PMP SUCT FROM U-1 RWST V	/ALVE
Proje		
Location (Bldg, Elev, Room/Are		
Manufacturer/Mod		
SWEL. The space below each findings. Additional space is pro	hecklist ocument the results of the Seismic Walkdown of an item of e of the following questions may be used to record the results ovided at the end of this checklist for documenting other com-	of judgments and
Anchorage		
Is anchorage configurat of SWEL items requiring	ion verification required (i.e., is the item one of the 50% g such verification)?	No
2. Is the anchorage free o	bent, broken, missing or loose hardware?	Not Applicable
3. Is the anchorage free or	f corrosion that is more than mild surface oxidation?	Not Applicable
4. Is the anchorage free or	f visible cracks in the concrete near the anchors?	Not Applicable
<u> </u>	uration consistent with plant documentation? (Note: es if the item is one of the 50% for which an anchorage n is required.)	Not Applicable
Based on the above and potentially adverse seis	chorage evaluations, is the anchorage free of mic conditions?	Yes

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 2 of 3

Seismic Walkdown Checklis	st (SWC)	Status: Y N U
Equipment ID No.		
Equipment Class		
Equipment Description		VALVE
Interaction Effects	REFOREING WITH GIVE TWO GOOT TROWN OF TRAVET	VILVE
7. Are soft targets free f	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 hav	re adequate flexibility to avoid damage?	Yes
	seismic interaction evaluations, is equipment free of eismic interaction effects?	Yes
	and found no adverse seismic conditions that could afety functions of the equipment?	Yes
Comments		
·	week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	. In oh	10/1/2012 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1FC8758

Equipment Class: (0) Other

Equipment Description: REFUELING WTR PURIF PMP SUCT FROM U-1 RWST VALVE



1FC8758 7-19-12 039

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159

Sheet 1 of 3

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1FC8762A	·
Equipment Class: (0) Other	
	<u></u>
Equipment Description: SPENT FUEL PIT HX INLET VALVE	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): FH, 401.00 ft, ALL	
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 comments.	f judgments and
<u>Anchorage</u>	
 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

12Q0108.10-R-001 Rev. 0 Correspondence No.: RS-12-159 Sheet 2 of 3

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1FC8762A	
Equipment Class: (0) Other	
Equipment Description: SPENT FUEL PIT HX INLET VALVE	
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures?	Yes
7. Are soft targets free from impact by hearby equipment or structures:	163
	•
	· ·
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Seismic block walls	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	
11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Rugged, well-supported valve	Yes
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<u>Comments</u>	
Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by: Marlene Delaney Date:	10/1/2012
C. U. Mych Phillip Gazda	10/1/2012

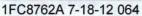
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1FC8762A

Equipment Class: (0) Other

Equipment Description: SPENT FUEL PIT HX INLET VALVE







1FC8762A 7-18-12 065