Statu Seismic Walkdown Checklist (SWC)	us: Y N U
Equipment ID No.: 0VC15J	
Equipment Class: (20) Instrumentation and Control Panels and Cabinets	
Equipment Description: MCR U-1 HVAC START PNL	
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 equipm SWEL. The space below each of the following questions may be used to record the results of judg findings. Additional space is provided at the end of this checklist for documenting other comments	gments and
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	No
Is the anchorage free of bent, broken, missing or loose hardware?	Yes
	165
Welded detail	
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: Note: Note:	Not Applicable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Seismic Walkdown Che	cklist (SWC)	Status: Y N U
	No.: 0VC15J	
• •	ass: (20) Instrumentation and Control Panels and Cabinets	
Equipment Descri		
Interaction Effects	uon. Work o-1 TIVAO OTAKTI NE	
	ee from impact by nearby equipment or structures?	Yes
masonry block w	ipment, distribution systems, ceiling tiles and lighting, and alls not likely to collapse onto the equipment? all behind equipment	Yes
9. Do attached lines	have adequate flexibility to avoid damage?	Yes
	ve seismic interaction evaluations, is equipment free of e seismic interaction effects?	Yes
Other Adverse Condition	ns	
11. Have you looked	for and found no adverse seismic conditions that could ne safety functions of the equipment?	Yes .
Comments	· · · · · · · · · · · · · · · · · · ·	
	ned week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	a. In che	0/1/2012 0/1/2012

Seismic Walkdown Checklist (SWC)

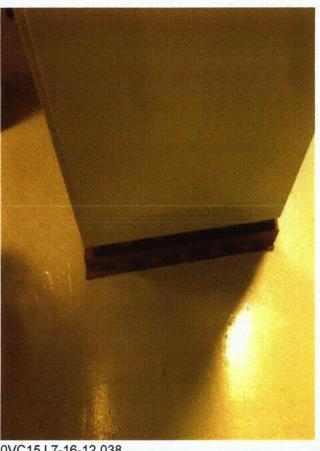
Equipment ID No.: 0VC15J

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

Equipment Description: MCR U-1 HVAC START PNL

Photos





0VC15J 7-16-12 037

0VC15J 7-16-12 038

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0VC15J

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

Equipment Description: MCR U-1 HVAC START PNL



0VC15J 7-16-12 039

Status: Y N U
Seismic Walkdown Checklist (SWC)
Equipment ID No.: 0WO01CB
Equipment Class: (11) Chillers
Equipment Description: CHILLED WATER SYS CONTROL ROOM REFRIGERATION UNIT 0B
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 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)?
2. Is the anchorage free of bent, broken, missing or loose hardware? Yes
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes
4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes
 Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?

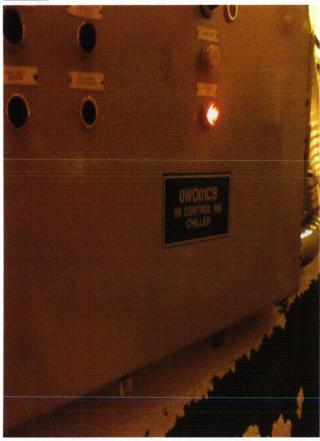
Seismic Walkdo	wn Checklist	(SWC)	Status: Y N U
	ment ID No.:		
• •	pment Class:		
	t Description:		RATION UNIT 0B
Interaction Effec	ets .		
7. Are soft t	argets free fro	m impact by nearby equipment or structures?	Yes
		nt, distribution systems, ceiling tiles and lighting, and of likely to collapse onto the equipment?	Yes
9. Do attach	ned lines have	adequate flexibility to avoid damage?	Yes
		ismic interaction evaluations, is equipment free of smic interaction effects?	Yes
Other Adverse C	Conditions		
adversely	y affect the saf	nd found no adverse seismic conditions that could fety functions of the equipment? erioration under equipment - not a structural/seismic	Yes
Hairline o concern	cracks in adjac	ent wall are insignificant and not a structural/seismic	
Comments			
Seismic walkdow	n performed w	veek of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:		Marlene Delaney Date:	10/1/2012
	J.61.	Philip Gazda	10/1/2012

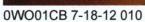
Seismic Walkdown Checklist (SWC)

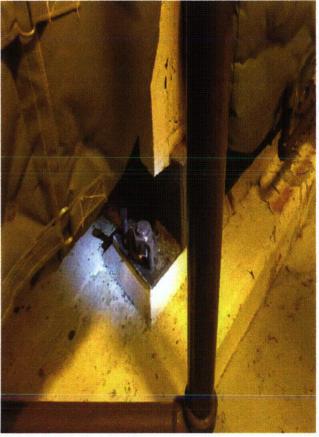
Equipment ID No.: 0WO01CB

Equipment Class: (11) Chillers

Equipment Description: CHILLED WATER SYS CONTROL ROOM REFRIGERATION UNIT 0B







0WO01CB 7-18-12 011

Sheet 4 of 5

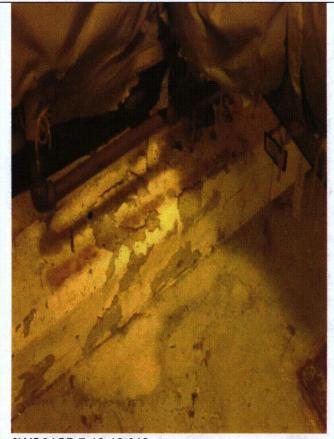
Status: Y N U

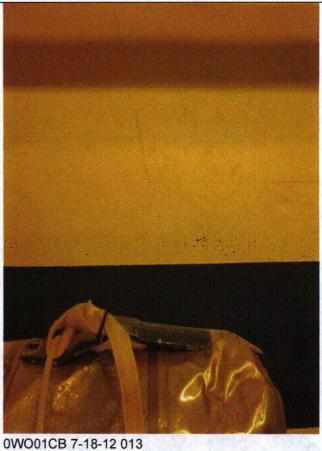
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0WO01CB

Equipment Class: (11) Chillers

Equipment Description: CHILLED WATER SYS CONTROL ROOM REFRIGERATION UNIT 0B





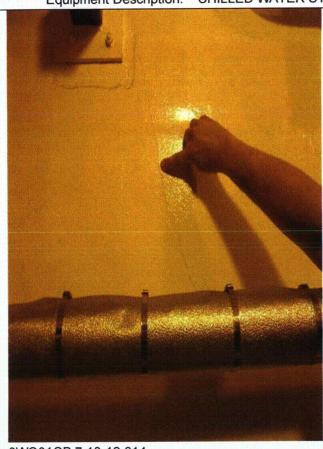
0WO01CB 7-18-12 012 0WC

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 0WO01CB

Equipment Class: (11) Chillers

Equipment Description: CHILLED WATER SYS CONTROL ROOM REFRIGERATION UNIT 0B



0WO01CB 7-18-12 014

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Sheet 1 of 3

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1AF005E	
Equipment Class: (7) Fluid-Operated Valves	
Equipment Description: S/G 1A FLOW CONT VLV ASMBLY; 4"	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 364.00 ft, ALL	
Manufacturer/Model:	·
Instructions for Completing Checklist	1. 8
This checklist may be used to document the results of the Seismic Walkdown of an item of a 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 comments.	of judgments and
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	No
2. Is the anchorage free of bent, broken, missing or loose hardware?	Not Applicable
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Not Applicable
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
 Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) 	Not Applicable
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

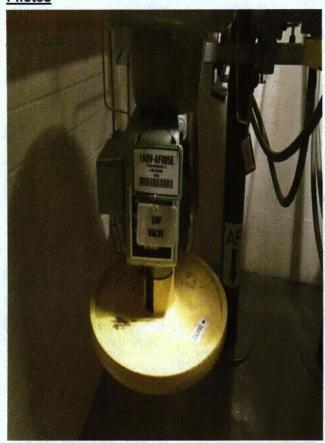
Seismic Wall	Status: [kdown Checklist (SWC)	Y N U
	quipment ID No.: 1AF005E	
	quipment Class: (7) Fluid-Operated Valves	
	nent Description: S/G 1A FLOW CONT VLV ASMBLY; 4"	
Interaction E		
7. Are so	oft targets free from impact by nearby equipment or structures?	Yes
	verhead equipment, distribution systems, ceiling tiles and lighting, and	Yes
	nry block walls not likely to collapse onto the equipment? mic block walls	
9. Do att	tached lines have adequate flexibility to avoid damage?	Yes
		•
10. Based	d on the above seismic interaction evaluations, is equipment free of	Yes
	tially adverse seismic interaction evaluations, is equipment free or	163
•	arge lateral movements of the valve due to adequate anchorage	
		ť
Other Advers	se Conditions	
	you looked for and found no adverse seismic conditions that could sely affect the safety functions of the equipment?	Yes
Comments		
Seismic walko	down performed week of 7/16/12 by M. Delaney & P. Gazda	
	Marlere M Selany	
Evaluated by:	Marlene Delaney Date: 10/1/2012	
	C.C. Mych Philip Gazda 10/1/2012	

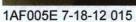
Seismic Walkdown Checklist (SWC)

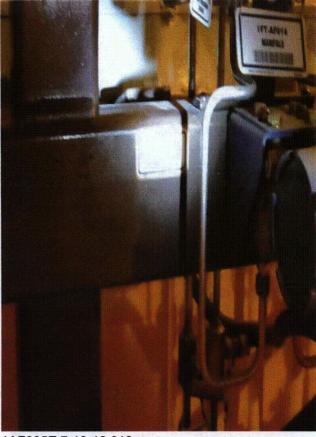
Equipment ID No.: 1AF005E

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: S/G 1A FLOW CONT VLV ASMBLY; 4"







1AF005E 7-18-12 016

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1AF006B Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
	V· 6"
Equipment Description: AUXILIARY FEEDWATER PMP 1B SX SUCT VLV ASMBL Project: Braidwood 1 SWEL	1,0
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 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 comments.	of judgments and
Anchorage	Ma
 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

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Sheet 2 of 3

Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1AF006B Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves Equipment Description: AUXILIARY FEEDWATER PMP 1B SX SUCT VLV ASMBLY; 6" **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? well-supported pipe Comments Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda C.O. hych, Evaluated by: Marlene Delaney Date: 10/1/2012 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF006B

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

Equipment Description: AUXILIARY FEEDWATER PMP 1B SX SUCT VLV ASMBLY; 6"



1AF006B 7-17-12 Group 2 036



1AF006B 7-17-12 Group 2 037

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

Sheet 1 of 3

Equipment Class: Equipment Class: Equipment Description: AUXILIARY FEEDWATER PMP 1B SX SUCT VLV ASMBLY; 6" Project: Braidwood 1 SWEL Location (Bidg, 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 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)? 2. Is the anchorage free of bent, broken, missing or loose hardware? 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.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes potentially adverse seismic conditions?	Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment Description: AUXILIARY FEEDWATER PMP 1B SX SUCT VLV ASMBLY; 6" Project: Braidwood 1 SWEL	Equipment ID No.: 1AF017B	
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 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)? 2. Is the anchorage free of bent, broken, missing or loose hardware? 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.)	Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves	
Location (Bldg, Elev, Room/Area): 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)? 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.)	Equipment Description: AUXILIARY FEEDWATER PMP 1B SX SUCT VLV ASMBLY	7; 6"
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)? 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.)	Project: Braidwood 1 SWEL	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments. Anchorage 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 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.)	Location (Bldg, Elev, Room/Area): Auxiliary, 383.00 ft, ALL	
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	Manufacturer/Model:	
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)? 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.)	Instructions for Completing Checklist	
1. 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 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.)	SWEL. The space below each of the following questions may be used to record the results of	f judgments and
of SWEL items requiring such verification)? 2. Is the anchorage free of bent, broken, missing or loose hardware? Not Applicable 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable 4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable 5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)		
 Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable 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.) Based on the above anchorage evaluations, is the anchorage free of Yes 		No
 Is the anchorage free of corrosion that is more than mild surface oxidation? Not Applicable 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.) Based on the above anchorage evaluations, is the anchorage free of Yes 		
 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.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes 	2. Is the anchorage free of bent, broken, missing or loose hardware?	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.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes 		
 5. Is the anchorage configuration consistent with plant documentation? (Note: Not Applicable This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes 	3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Not Applicable
 5. Is the anchorage configuration consistent with plant documentation? (Note: Not Applicable This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) 6. Based on the above anchorage evaluations, is the anchorage free of Yes 		
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	4. Is the anchorage free of visible cracks in the concrete near the anchors?	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		
•	This question only applies if the item is one of the 50% for which an anchorage	Not Applicable
	•	Yes

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Sheet 2 of 3

U Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1AF017B Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves Equipment Description: AUXILIARY FEEDWATER PMP 1B SX SUCT VLV ASMBLY; 6" **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 Yės adversely affect the safety functions of the equipment? well-supported pipe Comments Seismic walkdown performed week of 7/16/12 by M. Delaney & P. Gazda Evaluated by: Marlene Delaney Date: 10/1/2012 Philip Gazda 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF017B

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

Equipment Description: AUXILIARY FEEDWATER PMP 1B SX SUCT VLV ASMBLY; 6"



1AF017B 7-17-12 Group 2 038

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1AF01EA-A	
Equipment Class: (15) Batteries on Racks	
Equipment Description: AF PUMP 1B BATTERY CHARGER	
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 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>	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 configuration verification is required.) Drawing 20E-0-3322D09 Revision V Detail 9709 	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
Equipment ID No.: 1AF01EA-A	
Equipment Class: (15) Batteries on Racks	
Equipment Description: AF PUMP 1B BATTERY CHARGER	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	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
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. hoch	0/1/2012 0/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF01EA-A

Equipment Class: (15) Batteries on Racks

Equipment Description: AF PUMP 1B BATTERY CHARGER



1AF01EA-A 7-17-12 Group 2 023

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1AF01EB-A	·
Equipment Class: (15) Batteries on Racks	
Equipment Description: AF BATTERY 2 AUXILIARY FEEDWATER PUMP 1B	
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 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 complete.	of 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-0-3322D09 Revision V 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1AF01EB-A Equipment Class: (15) Batteries on Racks Equipment Description: AF BATTERY 2 AUXILIARY FEEDWATER PUMP 1B **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 Marlene Delaney Evaluated by: Date: 10/1/2012 Philip Gazda 10/1/2012

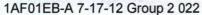
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF01EB-A

Equipment Class: (15) Batteries on Racks

Equipment Description: AF BATTERY 2 AUXILIARY FEEDWATER PUMP 1B







1AF01EB-A 7-17-12 Group 2 023

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

Sheet 1 of 4

·	Status: Y N U
Seismic Walkdown Checklist (SWC)	
Equipment ID No.: 1AF01EB-B	
Equipment Class: (15) Batteries on Racks	
Equipment Description: AUX FW PUMP 1B ENG AUX START RLY BATT 1 & 2	
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 a 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 companies.	of judgments and
Anchorage Control of the South	.,
 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-0-3322D09 Revision V	·
6. Based on the above anchorage evaluations, is the anchorage free of	Yes
potentially adverse seismic conditions?	

Seismic Walkdown Checklist		Status: Y N U
Equipment ID No.:	1AF01EB-B	
	(15) Batteries on Racks	
	AUX FW PUMP 1B ENG AUX START RLY BATT 1 & 2	
Equipment Description: Interaction Effects	AUX FVV FUMIF ID ENG AUX START RET BATT 1 & 2	
· · · · · · · · · · · · · · · · · · ·	m 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
	ismic interaction evaluations, is equipment free of mic interaction effects?	Yes
Other Adverse Conditions		
	d found no adverse seismic conditions that could ety functions of the equipment?	Yes
Comments Science well-down performed w	inals of 7/40/40 by M. Dolonov, 9 D. Comita	
Seismic walkdown performed w	reek of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	Inch	/2012

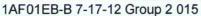
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF01EB-B

Equipment Class: (15) Batteries on Racks

Equipment Description: AUX FW PUMP 1B ENG AUX START RLY BATT 1 & 2







1AF01EB-B 7-17-12 Group 2 016

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF01EB-B

Equipment Class: (15) Batteries on Racks

Equipment Description: AUX FW PUMP 1B ENG AUX START RLY BATT 1 & 2



1AF01EB-B 7-17-12 Group 2 017

Status: Y Seismic Walkdown Checklist (SWC) Equipment ID No.: 1AF01PB Equipment Class: (5) Horizontal Pumps Equipment Description: DIESEL DRIVEN AUX FEED PUMP 1B_ASMBLY 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 and findings. Additional space is provided at the end of this checklist for documenting other comments. **Anchorage** Yes Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Is the anchorage free of bent, broken, missing or loose hardware? Yes 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 M-1221 Sheet 3 Revision F 6. Based on the above anchorage evaluations, is the anchorage free of Yes potentially adverse seismic conditions?

Seismic Walkdown Ch	acklist (SWC)	Status: Y N U
•		
• •	O No.: 1AF01PB	
	Class: (5) Horizontal Pumps	
Interaction Effects	ption: DIESEL DRIVEN AUX FEED PUMP 1B_ASMBLY	
•	ree from impact by nearby equipment or structures?	Yes
masonry block v	quipment, distribution systems, ceiling tiles and lighting, and valls not likely to collapse onto the equipment? ar equipment are seismically designed.	Yes
9. Do attached line	s have adequate flexibility to avoid damage?	Yes
	ove seismic interaction evaluations, is equipment free of see seismic interaction effects?	Yes
_	ons If for and found no adverse seismic conditions that could the safety functions of the equipment?	Yes
Comments Seismic walkdown perfo	rmed week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	1. Sach	0/1/2012 0/1/2012

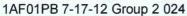
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF01PB

Equipment Class: (5) Horizontal Pumps

Equipment Description: DIESEL DRIVEN AUX FEED PUMP 1B_ASMBLY







1AF01PB 7-17-12 Group 2 025

Seismic Walkdown Checklist (SWC)		
Equipment ID No.:	1AF01PB-A	
Equipment Class:	(5) Horizontal Pumps	
Equipment Description:	1B AUX FEEDWATER PUMP AUX LUBE OIL PUMP	
Project	et: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 383.00 ft, ALL	
Manufacturer/Mode	el:	
Instructions for Completing Ch	necklist	
SWEL. The space below each o	cument the results of the Seismic Walkdown of an item of earth of the following questions may be used to record the results of vided at the end of this checklist for documenting other commented.	of judgments and
Anchorage 1. Is anchorage configuration of SWEL items requiring attached to pump skid -	<i>,</i>	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
	ration consistent with plant documentation? (Note: es if the item is one of the 50% for which an anchorage is required.)	Not Applicable
6. Based on the above and potentially adverse seisn Well-anchored to skid.	horage evaluations, is the anchorage free of nic conditions?	Yes

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

Sheet 2 of 3

		Status: Y N U
Seismic Walkdown Checklist	(SWC)	
Equipment ID No.:	1AF01PB-A	·
Equipment Class:	(5) Horizontal Pumps	
Equipment Description:	1B AUX FEEDWATER PUMP AUX LUBE OIL PUMP	
Interaction Effects		
Are soft targets free from	n impact by nearby equipment or structures?	Yes
	·	•
Are overhead equipment	it, distribution systems, ceiling tiles and lighting, and	Yes
• •	likely to collapse onto the equipment?	, 55
		N.
		•
9. Do attached lines have	adequate flexibility to avoid damage?	Yes
	smic interaction evaluations, is equipment free of	Yes
potentially adverse seisi	mic interaction effects?	
·		
Other Adverse Conditions		
_	found no adverse seismic conditions that could	Yes
adversely affect the sale	ety functions of the equipment?	
Comments		
Seismic walkdown performed wo	eek of 7/16/12 by M. Delaney & P. Gazda	
Martin	. A/ A - /	
, purer	L M Selany	
Evaluated by:	Marlene Delaney Date:	10/1/2012
	1 1	10/1/2012
G.O.	Throng	
	Philip Gazda	10/1/2012

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF01PB-A

Equipment Class: (5) Horizontal Pumps

Equipment Description: 1B AUX FEEDWATER PUMP AUX LUBE OIL PUMP



1AF01PB-A 7-17-12 Group 2 026

Equipment ID No.: 1AF01PB-K Equipment Class: (5) Horizontal Pumps Equipment Description: 1B DIESEL DRIVEN AUX FEED PUMP ENGINE 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 SWEL. The space below each of the following questions may be used to record the results of judgme findings. Additional space is provided at the end of this checklist for documenting other comments. Anchorage	
Equipment Class: (5) Horizontal Pumps Equipment Description: 1B DIESEL DRIVEN AUX FEED PUMP ENGINE 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 SWEL. The space below each of the following questions may be used to record the results of judgme findings. Additional space is provided at the end of this checklist for documenting other comments.	
Equipment Description: 1B DIESEL DRIVEN AUX FEED PUMP ENGINE 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 SWEL. The space below each of the following questions may be used to record the results of judgme findings. Additional space is provided at the end of this checklist for documenting other comments.	
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 SWEL. The space below each of the following questions may be used to record the results of judgme findings. Additional space is provided at the end of this checklist for documenting other comments.	
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 SWEL. The space below each of the following questions may be used to record the results of judgme findings. Additional space is provided at the end of this checklist for documenting other comments.	
Manufacturer/Model: Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment SWEL. The space below each of the following questions may be used to record the results of judgme findings. Additional space is provided at the end of this checklist for documenting other comments.	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of an item of equipment SWEL. The space below each of the following questions may be used to record the results of judgme findings. Additional space is provided at the end of this checklist for documenting other comments.	
SWEL. The space below each of the following questions may be used to record the results of judgme findings. Additional space is provided at the end of this checklist for documenting other comments.	
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	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
3. Is the anchorage free of corrosion that is more than mild schace oxidation:	103
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Yes
5. Is the anchorage configuration consistent with plant documentation? (Note:	Yes
This question only applies if the item is one of the 50% for which an anchorage	
configuration verification is required.) Drawing M-1221 Sheet 3 Revision F	-
Drawing Wi-1221 Stieet 3 Revision F	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes
potentially adverse selection conditions.	

Seismic Walkdown Che	Cklist (SWC)	us: Y N U
Equipment ID	No.: 1AF01PB-K	
• •	class: (5) Horizontal Pumps	
Equipment Descrip		
Interaction Effects		
Are soft targets fr	ree from impact by nearby equipment or structures?	Yes
•	uipment, distribution systems, ceiling tiles and lighting, and alls not likely to collapse onto the equipment?	Yes
9. Do attached lines	s have adequate flexibility to avoid damage?	Yes
	ove seismic interaction evaluations, is equipment free of se seismic interaction effects?	Yes
•	for and found no adverse seismic conditions that could the safety functions of the equipment?	Yes
Comments		
•	med week of 7/16/12 by M. Delaney & P. Gazda on on site glass and fuel line	
Evaluated by:	Marlene Delaney Date: 10/1/20: O. Mysh Philip Gazda 10/1/20:	

Sheet 3 of 5

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF01PB-K

Equipment Class: (5) Horizontal Pumps

Equipment Description: 1B DIESEL DRIVEN AUX FEED PUMP ENGINE



1AF01PB-K (DO site Glass) 7-17-12 Group 2 039



1AF01PB-K 7-17-12 Group 2 018

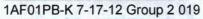
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF01PB-K

Equipment Class: (5) Horizontal Pumps

Equipment Description: 1B DIESEL DRIVEN AUX FEED PUMP ENGINE







1AF01PB-K 7-17-12 Group 2 020

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF01PB-K

Equipment Class: (5) Horizontal Pumps

Equipment Description: 1B DIESEL DRIVEN AUX FEED PUMP ENGINE



1AF01PB-K 7-17-12 Group 2 021

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1AF024	
Equipment Class: (7) Fluid-Operated Valves	
Equipment Description: AF PP SX RECIRC VLV_ASMBLY; 3"	
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 e SWEL. The space below each of the following questions may be used to record the results findings. Additional space is provided at the end of this checklist for documenting other com-	of judgments and
Anchorage	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	No
2. Is the anchorage free of bent, broken, missing or loose hardware?	Not Applicable
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Not Applicable
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable
 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

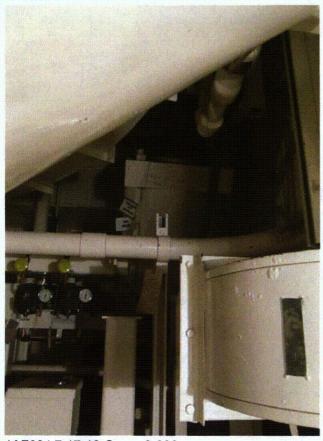
Seisn	nic Walkdown Checklist	(SWC)	ıs: Y N U
	Equipment ID No.:	1AF024	
		(7) Fluid-Operated Valves	
		AF PP SX RECIRC VLV_ASMBLY; 3"	
Intera	ction Effects		
7.	Are soft targets free fro	m impact by nearby equipment or structures?	Yes
8.		nt, distribution systems, ceiling tiles and lighting, and of likely to collapse onto the equipment?	Yes
9.	Do attached lines have	adequate flexibility to avoid damage?	Yes
10.		ismic interaction evaluations, is equipment free of smic interaction effects?	Yes
		d found no adverse seismic conditions that could fety functions of the equipment?	Yes
	nic walkdown performed walkdown	Marlene Delaney Date: 10/1/201	

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AF024

Equipment Class: (7) Fluid-Operated Valves

Equipment Description: AF PP SX RECIRC VLV_ASMBLY; 3"



1AF024 7-17-12 Group 2 030



1AF024 7-17-12 Group 2 031

Seismic Walkdown Checklist (SWC)	tatus: Y N U
Equipment ID No.: 1AP11E	
Equipment Class: (4) Transformers	
Equipment Description: EQ 480V ESF UNIT SUB 131X TRANSFORMER 1AP086	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 426.00 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 equi SWEL. The space below each of the following questions may be used to record the results of judings. Additional space is provided at the end of this checklist for documenting other comme	udgments and
<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 20E-0-3391F Revision AN Detail 121 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Seismic Walkdown Checklis	(SWC)	Status: Y N U
Equipment ID No.:		
•	(4) Transformers	
	EQ 480V ESF UNIT SUB 131X TRANSFORMER 1AP086	
Interaction Effects	EQ 400V ESF ONLY SOB ISTA TRANSFORMER TAP 000	·
	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
<u>-</u>	nd found no adverse seismic conditions that could fety functions of the equipment?	Yes
Comments Seismic walkdown performed	week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	hach	0/1/2012 0/1/2012

Seismic Walkdown Checklist	(SWC)	Status: Y N U
Equipment ID No.:	•	
Equipment Class:		
Equipment Description:	EQ 480V ESF UNIT SUB 131X TRANSFORMER 1AP086	
Photos		
None.		

Seismic Walkdown Checklist (SWC)	YNU
Equipment ID No.: 1AP21E	
Equipment Class: (1) Motor Control Centers	
Equipment Description: 480V AUX BLDG ESF MCC 131X1 XFORMER	
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 equipmen SWEL. The space below each of the following questions may be used to record the results of judgmentings. 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)? 	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 Revision BM Mounting Detail for 480V Motor Control Centers 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1AP21E Equipment Class: (1) Motor Control Centers Equipment Description: 480V AUX BLDG ESF MCC 131X1 XFORMER **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.: 1AP21E

Equipment Class: (1) Motor Control Centers

Equipment Description: 480V AUX BLDG ESF MCC 131X1 XFORMER





1AP21E 7-19-12 026

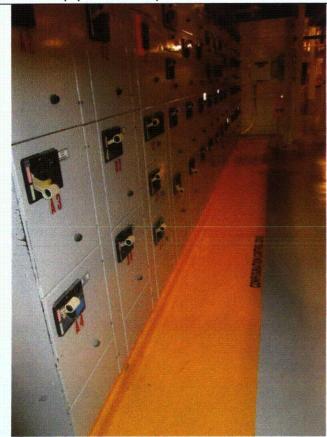
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Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP21E

Equipment Class: (1) Motor Control Centers

Equipment Description: 480V AUX BLDG ESF MCC 131X1 XFORMER



1AP21E7-19-12 025

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1AP22E	
Equipment Class: (1) Motor Control Centers	
Equipment Description: 480V AUX BLDG ESF MCC 131X3 ASMBLY	
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 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 comme	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 20E-0-3391C Revision BM Mounting detail for 480V Motor Control Centers Weld exceeds drawing	Yes
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 4

Seismic Walkdown Checklis	et (SWC)	Status: Y N U
Equipment ID No.:		
• •	(1) Motor Control Centers	
Equipment Description:	480V AUX BLDG ESF MCC 131X3 ASMBLY	
Interaction Effects		
7. Are soft targets free fr	om impact by nearby equipment or structures?	Yes
	_	:
O Ann acceptance of a section		V
	ent, distribution systems, ceiling tiles and lighting, and ot likely to collapse onto the equipment?	Yes
Seismic block walls	of many to concepts onto the equipment.	
Well-secured battery of	on wall	
		•
Do attached lines have	e adequate flexibility to avoid damage?	Yes
•		
10. Based on the above s	ciomia interaction avaluations, is equipment from of	Yes
	eismic interaction evaluations, is equipment free of ismic interaction effects?	165
Other Adverse Conditions		
	nd found no adverse seismic conditions that could	Yes
adversely affect the so	afety functions of the equipment?	
		•
Comments		
Seismic walkdown performed	week of 7/16/12 by M. Delaney & P. Gazda	
ocionno wanaown periornica	Work of 7710/12 by W. Bolancy a.T. Gazda	•
Made	A. M. A. Jan	
, (M. M. Selany	
Evaluated by:	₹	10/1/2012
Q_{D}	My Philip Gazda 1	
<i>\(\frac{1}{2}\).\(\frac{1}{2}\)</i>	Philip Gazda 1	10/1/2012

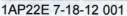
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP22E

Equipment Class: (1) Motor Control Centers

Equipment Description: 480V AUX BLDG ESF MCC 131X3 ASMBLY







1AP22E 7-18-12 002

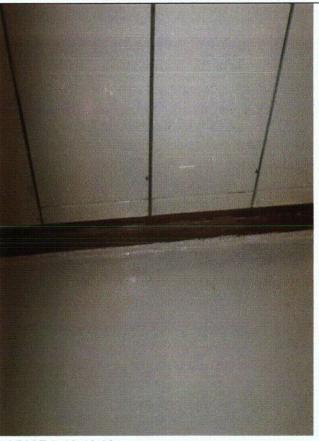
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP22E

Equipment Class: (1) Motor Control Centers

Equipment Description: 480V AUX BLDG ESF MCC 131X3 ASMBLY





1AP22E 7-18-12 003

1AP22E 7-18-12 004

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1AP24E	
Equipment Class: (1) Motor Control Centers	
Equipment Description: EQ 480 V AUX BLDG ESF MCC 132X3 ASMBLY	
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 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
 Anchorage 1. 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 Revision BM Mounting Detail for 480V Motor Control Center 	Yes
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes

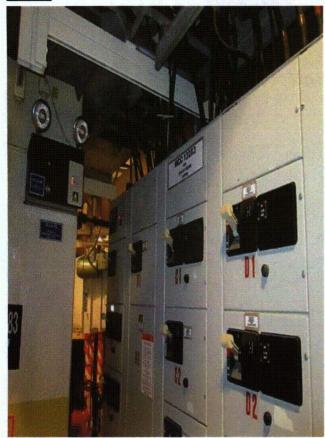
Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1AP24E Equipment Class: (1) Motor Control Centers Equipment Description: EQ 480 V AUX BLDG ESF MCC 132X3 ASMBLY **Interaction Effects** 7. Are soft targets free from impact by nearby equipment or structures? Yes 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and Yes masonry block walls not likely to collapse onto the equipment? Scaffolding on north and south side of MCC is well-secured. Battery well-mounted. 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 Evaluated by: Marlene Delaney Date: 10/1/2012 Philip Gazda 10/1/2012

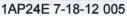
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP24E

Equipment Class: (1) Motor Control Centers

Equipment Description: EQ 480 V AUX BLDG ESF MCC 132X3 ASMBLY







1AP24E 7-18-12 006

Seismic Walkdown Checklist (SWC)	Status: Y N U
Equipment ID No.: 1AP27E	
Equipment Class: (1) Motor Control Centers	
Equipment Description: EQ 480V AUX BLDG MCC 132X2 ASMBLY	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 426.00 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
<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 20E-0-3391C Revision BM 	Yes
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 6

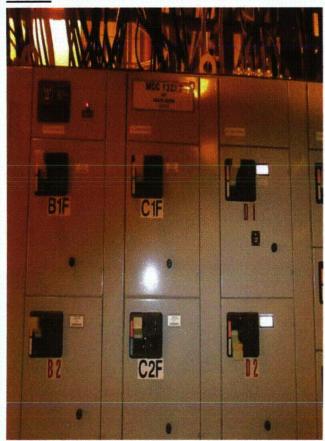
Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1AP27E Equipment Class: (1) Motor Control Centers Equipment Description: EQ 480V AUX BLDG MCC 132X2 ASMBLY **Interaction Effects** 7. Are soft targets free from impact by nearby equipment or structures? Yes Cabinet is attached at top to adjacent cabinet 1AP47E at front and back. 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 C.a. Mych Phi Evaluated by: Marlene Delaney Date: 10/1/2012 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP27E

Equipment Class: (1) Motor Control Centers

Equipment Description: EQ 480V AUX BLDG MCC 132X2 ASMBLY



1AP27E 7-17-12 Group 2 001



1AP27E 7-17-12 Group 2 003

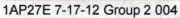
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP27E

Equipment Class: (1) Motor Control Centers

Equipment Description: EQ 480V AUX BLDG MCC 132X2 ASMBLY







1AP27E 7-17-12 Group 2 005

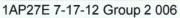
Seismic Walkdown Checklist (SWC)

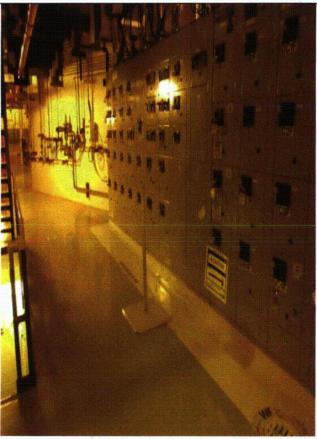
Equipment ID No.: 1AP27E

Equipment Class: (1) Motor Control Centers

Equipment Description: EQ 480V AUX BLDG MCC 132X2 ASMBLY







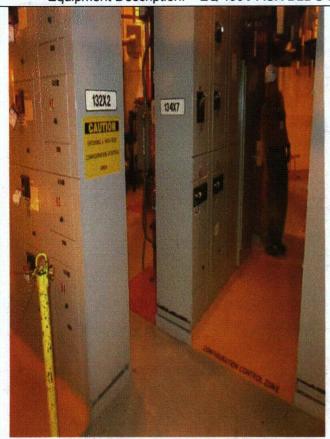
1AP27E 7-17-12 Group 2 007

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP27E

Equipment Class: (1) Motor Control Centers

Equipment Description: EQ 480V AUX BLDG MCC 132X2 ASMBLY







1AP27E 7-17-12 Group 2 009

Status: Y N Seismic Walkdown Checklist (SWC)	U
Equipment ID No.: 1AP38E	
Equipment Class: (1) Motor Control Centers	
Equipment Description: ASSY - 480V AUX BLDG MCC 133X1A	
Project: Braidwood 1 SWEL	
Location (Bldg, Elev, Room/Area): Auxiliary, 346.00 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)? 	es
2. Is the anchorage free of bent, broken, missing or loose hardware?	′es
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	es/
4. Is the anchorage free of visible cracks in the concrete near the anchors?	es/es
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 20E-0-3391C Revision BM Weld exceeds drawing requirements	es/es
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	es/

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

Sheet 2 of 5

Seismic Walkdown Checklis	et (SWC)	Status: Y N U
Equipment ID No.		
	(1) Motor Control Centers	<u> </u>
Interaction Effects	: ASSY - 480V AUX BLDG MCC 133X1A	
	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	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		
•	week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	· Shack	10/1/2012 10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP38E

Equipment Class: (1) Motor Control Centers

Equipment Description: ASSY - 480V AUX BLDG MCC 133X1A





1AP38E 7-18-12 026

1AP38E 7-18-12 027

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP38E

Equipment Class: (1) Motor Control Centers

Equipment Description: ASSY - 480V AUX BLDG MCC 133X1A





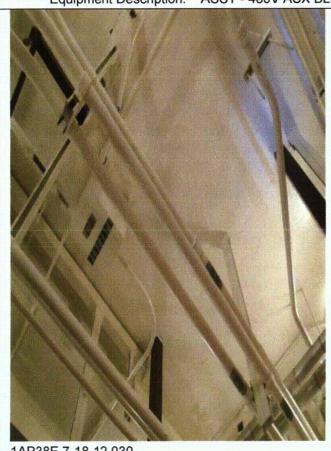
1AP38E 7-18-12 028

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1AP38E

Equipment Class: (1) Motor Control Centers

Equipment Description: ASSY - 480V AUX BLDG MCC 133X1A





1AP38E 7-18-12 030

1AP38E 7-18-12 031

Statu Seismic Walkdown Checklist (SWC)	ıs: Y N U
Equipment ID No.: 1CC01PB	
Equipment Class: (5) Horizontal Pumps	
Equipment Description: 1B PUMP, COMPONENT COOLING 12X14-18 M66-3 ASMBLY	
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 equipm SWEL. The space below each of the following questions may be used to record the results of judg findings. Additional space is provided at the end of this checklist for documenting other comments	ments and
<u>Anchorage</u>	
 Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? 	Yes
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
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	Yes
configuration verification is required.)	
Drawing M-1220 Sheet 4 Revision U Component Cooling Pump (see Plan M- 1220-1)	
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 5

Seism	ic Walkdown Checklist	(SWC)	Status: Y N U	
	Equipment ID No.:	1CC01PB		
	• •	(5) Horizontal Pumps		
	Equipment Description:	1B PUMP, COMPONENT COOLING 12X14-18 M66-3 A	ASMBLY	
Intera	ction Effects			
7.	Are soft targets free fro	m impact by nearby equipment or structures?	Yes	
		•		
8.		nt, distribution systems, ceiling tiles and lighting, and tilkely to collapse onto the equipment?	Yes	
		and other piping above equipment is well-supported		
	No overhead hazards t			
9.	Do attached lines have	adequate flexibility to avoid damage?	Yes	
10.	Based on the above se	smic interaction evaluations, is equipment free of	Yes	
		mic interaction effects?		
Other	Adverse Conditions		·	
11.		d found no adverse seismic conditions that could	Yes	
	-	ety functions of the equipment?	, , , , , ,	
	See Area Walk-by Checklist 24 for additional notes on concrete degradation			
	and pipe clamp.			
Comm	nents			
		eek of 7/16/12 by M. Delaney & P. Gazda		
			· · · · · · · · · · · · · · · · · · ·	
	Marles	L M Selasy		
	\	e M Selesy		
Evalua	ited by:	Marlene Delaney Date:	10/1/2012	
		1. 1		
	0.0.	Shapela Philip Gazda	10/1/2012	
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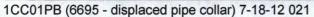
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CC01PB

Equipment Class: (5) Horizontal Pumps

Equipment Description: 1B PUMP, COMPONENT COOLING 12X14-18 M66-3 ASMBLY







1CC01PB (AWB degraded concrete) 7-18-12 020

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CC01PB

Equipment Class: (5) Horizontal Pumps

Equipment Description: 1B PUMP, COMPONENT COOLING 12X14-18 M66-3 ASMBLY





1CC01PB 7-18-12 017

1CC01PB 7-18-12 018

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CC01PB

Equipment Class: (5) Horizontal Pumps

Equipment Description: 1B PUMP, COMPONENT COOLING 12X14-18 M66-3 ASMBLY



1CC01PB 7-18-12 019

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.: 1CC685				
Equipment Class: (8) Motor-Operated and Solenoid-Operated Valves				
Equipment Description: CC FROM RC PMPS THERMAL BARRIER ISOL VLV AS	MBLY; 3" .			
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)? 	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			
Is the anchorage free of visible cracks in the concrete near the anchors?	Not Applicable			
5 to the season configuration consistent with plant documentation? (Note:	Net Applicable			
 Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) 	Not Applicable			
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Yes			

Seismic Walkdown Checkli	st (SWC)	Status: Y N U
Equipment ID No	•	
• •		
•	(8) Motor-Operated and Solenoid-Operated Valves	MADLY OF
Equipment Description	: CC FROM RC PMPS THERMAL BARRIER ISOL VLV AS	MBLY; 3"
7. Are soft targets free	rom impact by nearby equipment or structures?	Yes
	nent, distribution systems, ceiling tiles and lighting, and not likely to collapse onto the equipment?	Yes
9. Do attached lines ha	ve adequate flexibility to avoid damage?	Yes
	seismic interaction evaluations, is equipment free of eismic interaction effects?	Yes
Other Adverse Conditions		
	and found no adverse seismic conditions that could afety functions of the equipment?	Yes
Comments		
Seismic walkdown performed	week of 7/16/12 by M. Delaney & P. Gazda	
Evaluated by:	Marlene Delaney Date:	10/1/2012
0.2	Philip Gazda	10/1/2012

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CC685

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

Equipment Description: CC FROM RC PMPS THERMAL BARRIER ISOL VLV ASMBLY; 3"







1CC685 7-19-12 Group 2 004

Status: Seismic Walkdown Checklist (SWC) Equipment ID No.: 1CV01PB Equipment Class: (5) Horizontal Pumps Equipment Description: PUMP,1B CENTRIFUGAL CHARGING ASMBLY 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** 1. Is anchorage configuration verification required (i.e., is the item one of the 50% Yes 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 5. 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 M-1220 Sheet 3 Revision U Detail 82 6. Based on the above anchorage evaluations, is the anchorage free of Yes potentially adverse seismic conditions?

Seismic Walkdow	n Checklist	(SWC)			Status: Y N	U
Equipm	nent ID No.:	1CV01PB				
	-	(5) Horizontal Pumps				
	•		JGAL CHARGING ASM	RI V		
Interaction Effects		FOINE, ID CLIVENIE	JOAL CHARGING ASIVI	<u> </u>		_
	_	m impact by nearby ec	uipment or structures?		Yes	s
, , , , , , , , , , , , , , , , , , ,	goto nee ne	past by mounty so	alpinoni or oli dolaroo.	•	· · · · · · · · · · · · · · · · · · ·	•
				•		
8. Are overhe	ead equipmer	nt, distribution systems	, ceiling tiles and lighting	g, and	Yes	s
•		t likely to collapse onto	the equipment?			
Seismic b	oločk walls	•				
			•		•	
9. Do attache	ed lines have	adequate flexibility to	avoid damage?		Yes	s
		,	-			
		•	•		.`	
			ations, is equipment free	of. ·	Yes	s
potentially	adverse seis	mic interaction effects	?			
					:	
•		•				
Other Adverse Co	nditions					_
11. Have you l	ooked for and	d found no adverse se	ismic conditions that cou	ıld	Yes	s
adversely a	affect the safe	ety functions of the eq	uipment?			
	•					
Comments				<u> </u>		
	performed w	eek of 7/16/12 by M. D	elaney & P. Gazda			
						_
	Marler	1 M Selary	۵			
	1 V					
Evaluated by:		\cup	Marlene Delaney	Date:	10/1/2012	
-	_	1. 1				
	6.0.	Thyon Phillip	Gazda		10/1/2012	
		₽ PNIIIP	Gazua		10/1/2012	

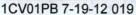
Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CV01PB

Equipment Class: (5) Horizontal Pumps

Equipment Description: PUMP,1B CENTRIFUGAL CHARGING ASMBLY







1CV01PB 7-19-12 020

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 1CV01PB

Equipment Class: (5) Horizontal Pumps

Equipment Description: PUMP,1B CENTRIFUGAL CHARGING ASMBLY



1CV01PB 7-19-12 021