Seismic Walkdown Checklist (SWC)
B gar 9/12/2012
Equipment ID No. 3\D01 Equip. Class ¹² (15) Batteries & Racks
Equipment Description 125 VDC Battery 3X B
Location: Bldg. Turbine Floor El. 135 Room, Area T3-70 169 9W 9/13/3013
Manufacturer, Model, Etc. (optional but recommended)
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 the anchorage configuration verification required (i.e., is the item one Y N□ of the 50% of SWEL items requiring such verification)?
2. Is the anchorage, free of bent, broken, missing or loose hardware? YN N□ U□ N/A□ . Use of 3/g anchor botts in One rack VS. 1/2" botts in other rack
3. Is the anchorage free of corrosion that is more than mild surface YX N□ U□ N/A□ oxidation?
4. Is the anchorage free of visible cracks in the concrete near the anchors? YX N□ U□ N/A□
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.) Motches configuration evolution in colculation No. PS-155, Rev. 1
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? ✓ V ✓ N□ U□

 $^{^{12}}$ Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment Description 125 VDC Battery 38 B Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures? YN NO UO NAO NO GOTH targets 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, YN NO UO NAO and masonry block walls not likely to collapse onto the equipment? 8. Block woll #5 40-18 and 40-22 are safety related per PBAPS Specification No. M-701, Rev. i 9. Do attached lines have adequate flexibility to avoid damage? YN NO UO NAO 10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPFEF: Overhead light 5-hooks have been closed and end rails have been snugged up against batteries. Evaluated by: Yeary Wagan Date: 9/12/2012	Equipment ID No. 3\(\frac{1001}{2}\) Equip. Class (15) Batteries & Racks
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A N/A	
7. Are soft targets free from impact by nearby equipment or structures? No soft targets 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Black woll #5 40-12 and 40-22 are safety related per PBAPS specification No. M-701, Rev. 1 9. Do attached lines have adequate flexibility to avoid damage? 10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPEFE: Overhead light S-hooks hour been closed and end rails have been suggest up against bathleries. Evaluated by: Garney Wagam Date: 9/12/2012	Equipment Description 123 VDC Battery 3A 13
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, YANU UNAND and masonry block walls not likely to collapse onto the equipment? Block wall #5 40-12 and 40-22 are safety related par PBAPS Specification No. M-701, Rev. 1 9. Do attached lines have adequate flexibility to avoid damage? 10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPFFE: Overhead light 5-hooks have been closed and end rails have been sugged up against batteries. Evaluated by: Jany Wagan Date: 9/12/2012	
and masonry block walls not likely to collapse onto the equipment? Block woll #5 40-12 and 40-22 are safety related for PBAPS Specification No. M-701, Rev. 1 9. Do attached lines have adequate flexibility to avoid damage? 10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPFFE: Overhead light 5-hooks have been closed and end rails have been snugged up against batteries. Evaluated by: Januar Wagan Date: 9/12/2012	
Specification No. M-701, Rev. 1 9. Do attached lines have adequate flexibility to avoid damage? 10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPFEE: Overhead light S-hooks have been closed and end rails have been snugged up against batteries Evaluated by: Januar Wagan Date: 9/12/2012	and maganery block syalls not likely to collance onto the agricument?
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPFEE: Overhead light 5-hooks have been closed and end rails have been snugged up against batteries. Evaluated by: Jane Wagan Date: 9/12/2012	Specification No. M-701, Rev. 1
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could YN NU UU adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPEEE: Overhead light S-hooks have been closed and end rails have been snugged up against batteries Evaluated by: Quant Wagain Date: 9/12/2012	9. Do attached lines have adequate flexibility to avoid damage? Y N□ U□ N/A□
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could YN NU UU adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPEEE: Overhead light S-hooks have been closed and end rails have been snugged up against batteries Evaluated by: Quant Wagain Date: 9/12/2012	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPEE: Overhood light 5-hooks have been closed and end rails have been snugged up against batteries Evaluated by: Jane Wagan Date: 9/12/2012	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Comments (Additional pages may be added as necessary) IPEE: Overhood light 5-hooks have been closed and end rails have been snugged up against batteries Evaluated by: Jane Wagan Date: 9/12/2012	
Comments (Additional pages may be added as necessary) IPEE: Overhead light 5-hooks have been closed and end rails have been sugged up against batteries Evaluated by: Jane Wagan Date: 9/12/2012	Other Adverse Conditions
Evaluated by: Jany Wiggin Date: 9/12/2012	· · · · · · · · · · · · · · · · · · ·
Evaluated by: Jany Wiggin Date: 9/12/2012	
	Comments (Additional pages may be added as necessary) . IPEEE: Overhead light 5-hooks have been closed and end rails have been snugged up against batteries
	Evaluated by: Jane Wiggin Date: 9/12/2012
<u>~~ 3/8 </u>	2 A 9/12/12012

Equipment ID: 3BD001







Peach Bottom Atomic Power Station Unit 3 MPR-3812, Revision 3 Correspondence No.: RS-12-173

•	Λ .\
Equipment ID No. 360 025 Equip. Class ¹² 14 (Distribut.	on (cas)
Equipment Description 38 123 VIII VISTABUTION Panel	<u> </u>
Location: Bldg. 48 Floor El. 150 Room, Area Cable	Spreading (T3-81) BM
Manufacturer, Model, Etc. (optional but recommended)	<u> </u>
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record t findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided the space is provided the space.	he results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y NE
2. Is the anchorage free of bent, broken, missing or loose hardware? Anchorage in Good condition.	YZNO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YEND UD N/AD
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YZNO UO N/AO
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.)	YO NO UO N/AC
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YZNO UO
Mounted & top 4 bottom + with channe	I nots in each
Mounted & top a bottom with channe corner to horizontal unistrut. Unistrut anch on each and	ord to mall
12 Enter the equipment class name from Annondia Pt Classes of Eq	

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

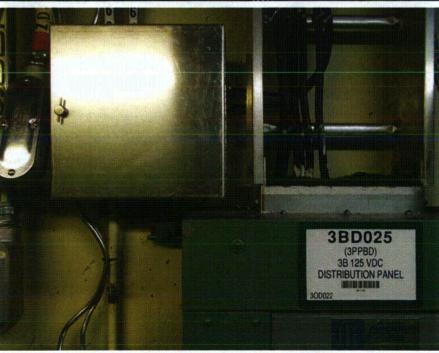
∢ C-3 **>**

	1 C P
Equipment ID No. 380025 Equip. Class ¹² (14) Pistri Equipment Description 38 125 Vdc distribution Pa	botion ands
Equipment Description 38 125 Vac distribution Pa	nel
Interaction Effects	V
7. Are soft targets free from impact by nearby equipment or structures?	NO UO N/AO
	•
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? No #/I concerns	NO UO N/AO
LIVE CONCEINS	
9. Do attached lines have adequate flexibility to avoid damage?	YZNO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YE NO UO
	rtsirii
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	AG NO OO
Comments (Additional pages may be added as necessary)	
Evaluated by: Ben Try	Date: 4/25/12
an Bh	9/25/17
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1

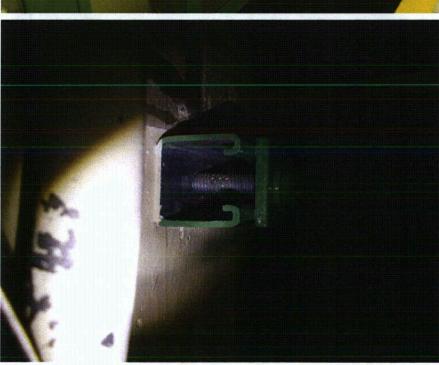
< C-4 >

Equipment ID: 3BD025



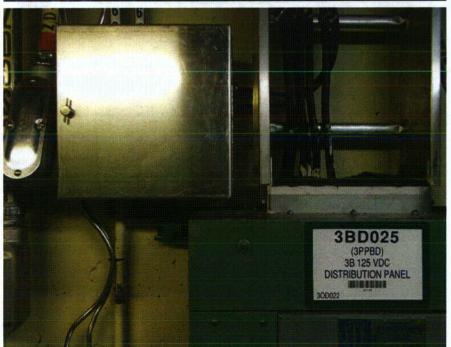






Equipment ID: 3BD025





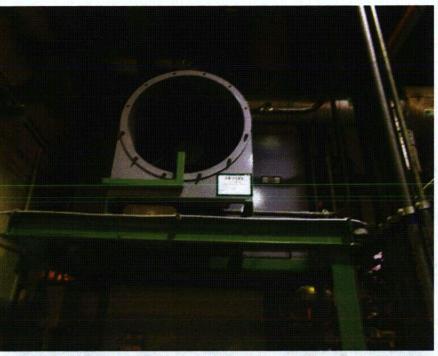
Equipment ID No. 3BE55 Equip. Class ¹² (10) Air Handlers	
Equipment Description RCIC Room Cooling Coil B	
Location: Bldg. Reactor Floor El. 91 88 KG Room, Area R3-14	
Manufacturer, Model, Etc. (optional but recommended)	<u> </u>
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided the space is provided the space is provided the space is provided to the space is	the results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YX NO
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YX NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO
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.) Anchorage does not motion Dwg. 5-977, Rev. 1, but as built evolution in colculation No. P5-0922, Rev. 0 and judged	YONX UO N/AO configuration was acceptable. Configuration
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX N U

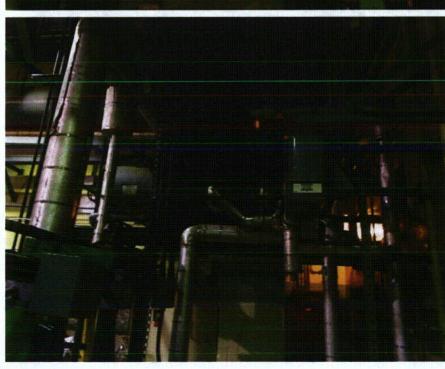
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 3BE55 Equip. Class ¹² (10) Air Handlers		
Equipment Description RCIC Room Cooling Coil B		
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures?	YM N U N/A	
No 58 dangers 9th 9/11/2012		
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	Y N UU N/AU) (* 11.5 %) 5
9. Do attached lines have adequate flexibility to avoid damage?	YN UU N/AU	
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Y∭X N□ U□	, ŧ .
Other Adverse Conditions		
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YX NO UO	•. •
	· · · · · · · · · · · · · · · · · · ·	
Comments (Additional pages may be added as necessary)		
NIA		
Evaluated by: Juny Wagam	Date: 9/11/2012	
De Glo	9/11/2012	

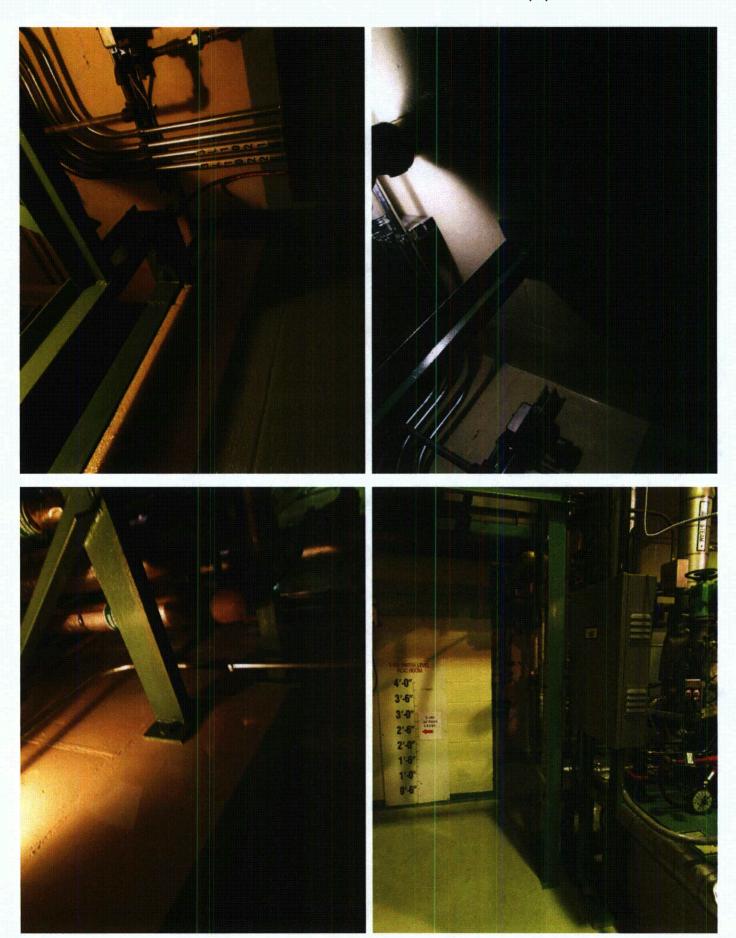




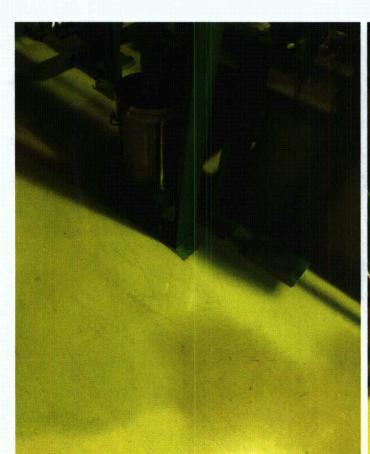


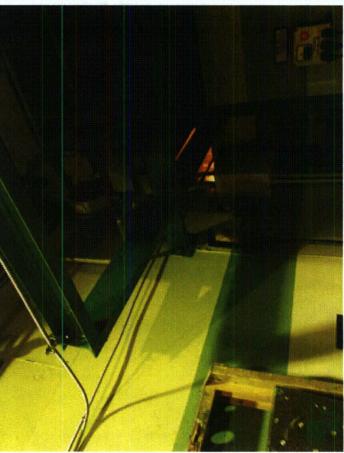


Peach Bottom Atomic Power Station Unit 3
MPR-3812, Revision 3
Correspondence No. RS-12-173



Peach Bottom Atomic Power Station Unit 3 MPR-3812, Revision 3 Correspondence No.: RS-12-173





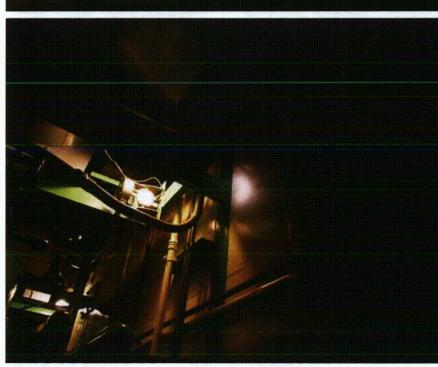
Equipment ID No. 3BE57 Equip. Class ¹² (10) Air Handlers	
Equipment Description Core Spray Room A Cooling Coil B	
Location: Bldg. Reactor Floor El. 91 Room, Area R3-9	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided the space is provided the space is provided the space is provided to the space is	he results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YK NO
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
	i ,
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YIX NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YEND UD N/AD
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.) ANCHORAGE NOTE: NOTE: NOTE: A Section 1.1.	Y NA U N/A
ANCHORAGE DOES NOT MATCH DUB 5-973, ROV.O, BUT A WAS EVALUATED IN CALC PS-0922, ROV. O AND SUDGED ACCUS	TABLE SEE COMMENTS KE 1919
	YD NO UO

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 3BE57 Equip. Class ¹² (10) Air Handlers			<u></u>
Equipment Description Core Spray Room A Cooling Coil B			
Interaction Effects	:		
7. Are soft targets free from impact by nearby equipment or structures? As 1/1/2012	Y)⊠ N□ ≀	U□ N/A□	
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	Y ⊠ N□ I	UO N/AO	ed ≯
9. Do attached lines have adequate flexibility to avoid damage?	YX ND I	U□ N/A□	
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Insulated pipe fouching support from judged considerable interaction	Y⊠ N□ ! edible bo		district
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	Y) N□ I	U	
Comments (Additional pages may be added as necessary)	:		
NA CONFIGURATION MANAGEMENT ISSUE ADDRESSED IN	ER # 1411	581	KP 10[4]1Z +10[15]1Z
Evaluated by: Jawy Wagin	Date:	9/11/701 Hulzoiz	7









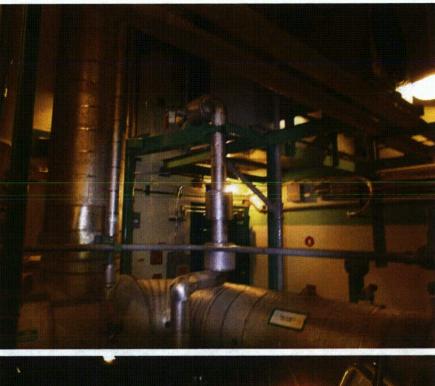


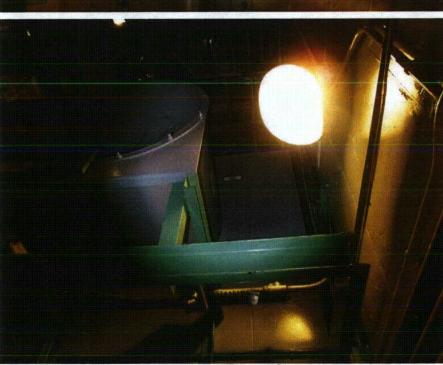
${\cal B}$	4
Equipment ID No. 3 (£58 Equip. Class 12 (10) Air Handlers	
Equipment Description RHR Room & Cooling Coil O	
Location: Bldg. Reactor Floor El. 91 Room, Area R5-7 R	3-5
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of the space is provided at the end of this checklist for the space is provided at the end of the space is provided at the	the results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	
Varitied per Dung 6280-5-975 R	ev.O
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y⊈ N□ U□ N/A□
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YEND UD N/AD
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YJA NO UO N/AO
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.)	YAN UU N/AU
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YAND UD
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	•

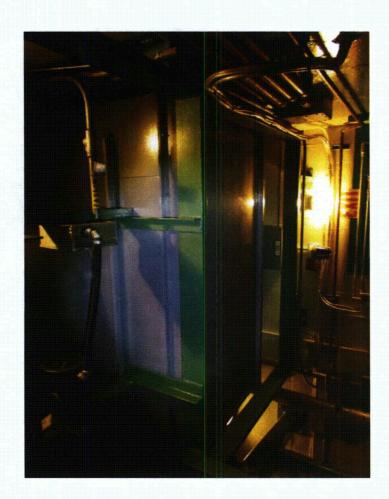
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

3BE058
Equipment ID No. 3CE58 Equip. Class ¹² (10) Air Handlers
Equipment Description RHR Room- Cooling Coil C
Interaction Effects 9/11/12 9/11/12
7. Are soft targets free from impact by nearby equipment or structures? Nr 5 ft target identified
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, YAND UD N/AD and masonry block walls not likely to collapse onto the equipment? No cirlible II/I 155045 Identified.
9. Do attached lines have adequate flexibility to avoid damage? Y☐N☐U☐N/A☐
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? YZN□ U□
Other Adverse Conditions
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? ✓ N□ U□ adversely affect the safety functions of the equipment?
Comments (Additional pages may be added as necessary)
Evaluated by: Date: 9/11//2
Ben 72 9/12/12





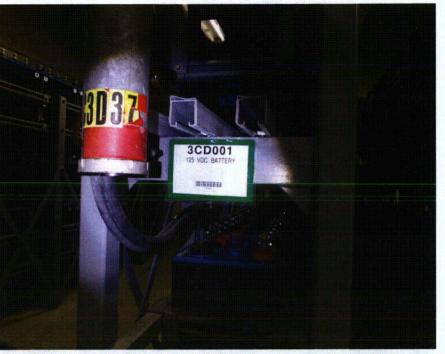


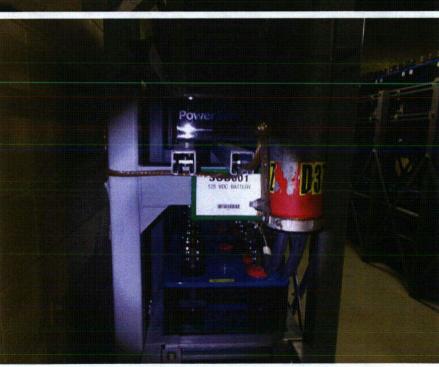


Equipment ID No. 3CD 991 Equip. Class ¹² (15) BATTERIE	
Equipment Description 125 VDC BATT 3E (2 RACKS)	RUNNING E-W)
Location: Bldg. TURB Floor El. 135 Room, Area 3A-3	C BATT ROOM
Manufacturer, Model, Etc. (optional but recommended)	1
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record t findings. Additional space is provided at the end of this checklist for documenting	he results of judgments and
Anchorage	Q BMF
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YX NX 1/13/12
2. Is the anchorage free of bent, broken, missing or loose hardware?	ND UD N/AD
3. Is the anchorage free of corrosion that is more than mild surface	YA DU DA/AD
MILD OXIDATION ON N. RACK, ZND	
SUPPORT FROM E., BACK BOIT	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YM UU N/AU
	9
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for	YX NO UO N/A 9/13/12
which an anchorage configuration verification is required.) CONSISTENT WITH DWGS IN CALC. NO. PS-155	ted 2/5/93. CSS 8-2012 ISME 10/8/P-
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	אַלן אם טם

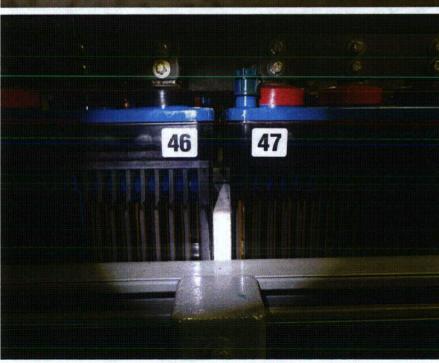
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

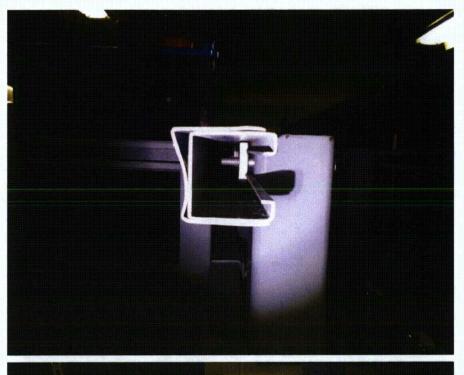
Equipment ID No. 3CD PPI Equip. Class ¹² (15) BATTERUES AND RACKS
Equipment Description 125 VDC BATT. 3C
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, YN NO UO N/AO and masonry block walls not likely to collapse onto the equipment? 3. & W. WALLS ARR MASONRY - Sec comment below. 5-HOOLS ON OVERHOAD UGHTS CLOSED (A HAVE REP COSSED) 9. Do attached lines have adequate flexibility to avoid damage? YN UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free YN N□ U□ of potentially adverse seismic interaction effects?
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could YN NU UU adversely affect the safety functions of the equipment? SPACERS BETWEEN EACH BATTERY CELL
Comments (Additional pages may be added as necessary) Component new masonry wallo 40-6 and 40-21 per 5-40 New 26. The walls are safety related per cole specification M-701 Rev 1. BMF 9/13/17
Evaluated by: Ban Fry Date: 10/6/12 10-8-2012

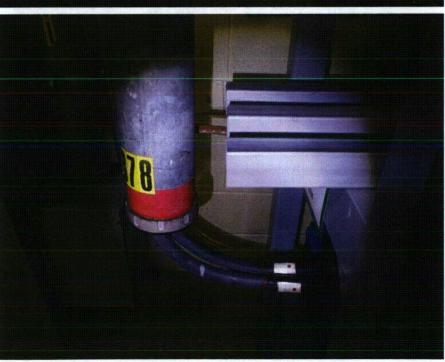


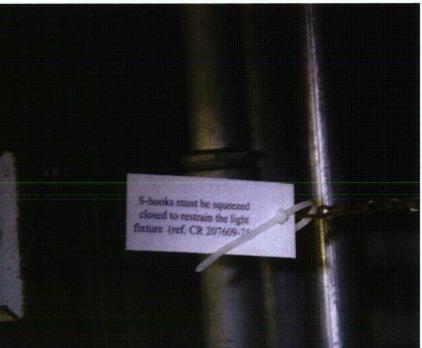


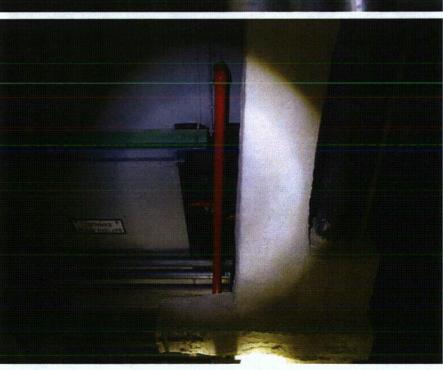


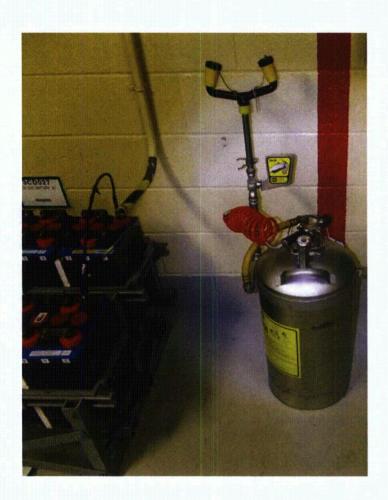












Equipment ID No. 3CD03 Equip. Class ¹² (16) Battery Chargers	and Inverters
Equipment Description Battery Charger 3C	
Location: Bldg. Turbine Floor El. 135 Room, Area T3-170	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record t findings. Additional space is provided at the end of this checklist for documenting.	he results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	ND ND
$(x_1, x_2, \dots, x_n) = (x_1, \dots, x_n) + (x_1, \dots$	
2. Is the anchorage free of bent, broken, missing or loose hardware?	YM NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YX NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y NO UO N/AO
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.) Motches Dwg. No. D-11938-2, Rev. C and Test Report (Test Procedure No. 543/0865/08, Rev. B)	YX NO UO N/AO No. 42718-1
(Test Procedure No. 543/0865/08, Rev. B) 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	DU DN KYY

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 3CD03 Equip. Class ¹² (16) Battery Chargers and Inverters	
Equipment Description Battery Charger 3C	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	YX NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Block walls 40-5,-11,-19 and -21 are safely related to the safely related t	, , , , , , , , , , , , , , , , , , ,
9. Do attached lines have adequate flexibility to avoid damage?	YX NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YX NO UO
Other Adverse Conditions	3
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YX NO UO
Comments (Additional pages may be added as necessary)	i
N/A	
Evaluated by:	Date: 9/12/2012
7: 95	9/12/7012

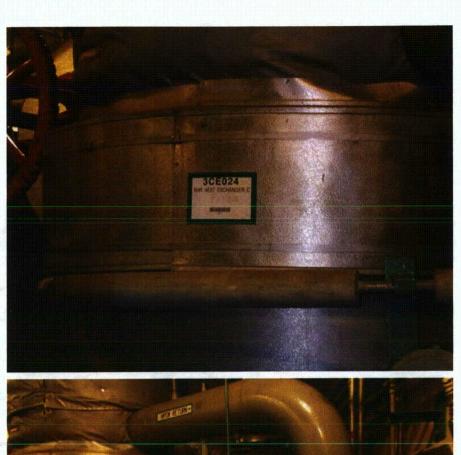


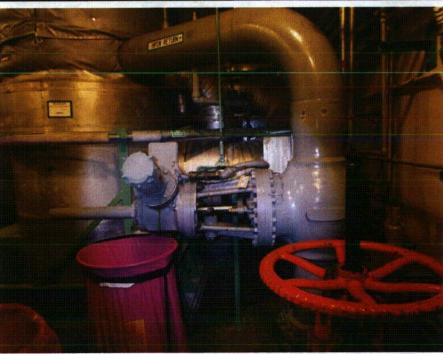


Equipment ID No. 3CE24 Equip. Class ¹² (21) Tanks or Heat E	xchangers (Vertical)
Equipment Description RHR Heat Exchanger C	
Location: Bldg. Reactor Floor El. 91 Room, Area R3-17	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided to the space is provided the space is provided to the space is provid	the results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	AX N□
Vinted par Dug. M-3401-1 Rev. 1	Shes 142
of the 50% of SWEL items requiring such verification)? Vinfied Rel Dwg. M-3401-1 Rev. 1 2. Is the anchorage free of bent, broken, missing or loose hardware?	YZ NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YZ N□ U□ N/A□
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YZ NO UO N/AO
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.)	YZI NO UO N/AO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YA NO UO

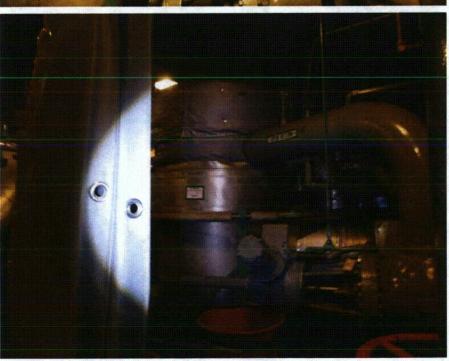
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 3CE24 Equip. Class ¹² (21) Tanks or Heat Exchangers (Vertical)	
Equipment Description RHR Heat Exchanger C	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No goff fargots.	MAND UD N/AD
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? **Collaboration Systems**: The collapse of the equipment of the e	Y ⊠ RN□ U□ N/A□
9. Do attached lines have adequate flexibility to avoid damage?	YZ NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YEND UD
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YIS NO UO
	·
Comments (Additional pages may be added as necessary)	
Evaluated by: Ah Bh	Date: 9/11/12
Bentry	9/11/12









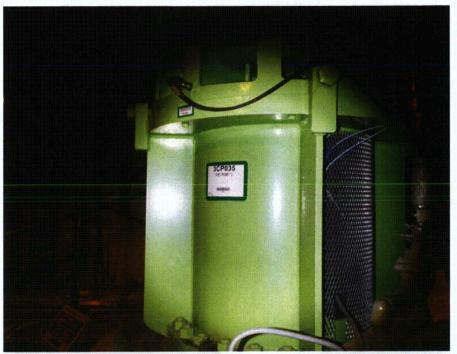


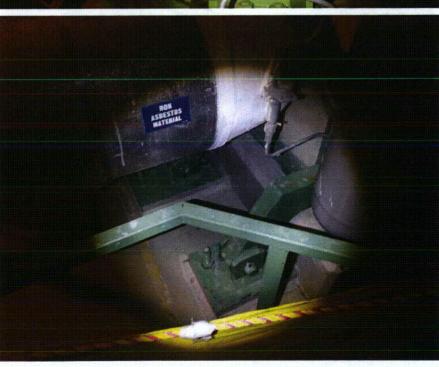


Equipment ID No 3c 0035 Equip. Class 2 06 //	E. Pump
Equipment Description RHR Polys C	
Location: Bldg. RB Floor El. 91 Room, Area RHR	C (R3-17)
Manufacturer, Model, Etc. (optional but recommended)	(R3-7)
Instructions for Completing Checklist	BAC
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for the space is provided to the space is provided the space is provided to the space is provided the space is provided the space is provided to the sp	the results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Per 150, Rev. 0 152csf 9/1/12	YD(NO
2. Is the anchorage free of bent, broken, missing or loose hardware?	YAND UD N/AD
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YZ NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YIZ NO UO N/AO
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.)	YM NO UO N/AO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YE NO UO

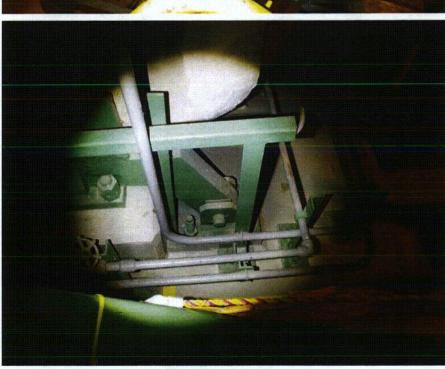
 $^{^{\}rm 12}$ Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 3CP035 Equip. Class (66) Vent - Pu	n./
Equipment Description RHR Pump C	<i>/</i>
Interaction Effects	*,
7. Are soft targets free from impact by nearby equipment or structures? No. 1044 Harsets identified	YAND UD N/AD
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	YAND UD N/AD
9. Do attached lines have adequate flexibility to avoid damage?	YPONO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YZ NO UO
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YZNO UO
Comments (Additional pages may be added as necessary)	
A	
Evaluated by:	_ Date:
Bur Fry	9/11/12
	1 /

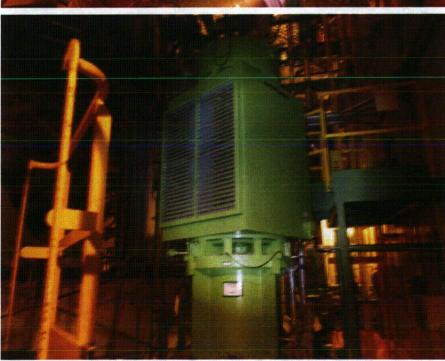












Equipment ID No. 3CP042 Equip. Class ¹² (06) Vertical Pumps	
Equipment Description High Pressure Service Water Pump C	
Location: Bldg. Pump Structure Floor El. 112 Room, Area P.	/H-9
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided the space is prov	the results of judgments and
Anchorage	.) š
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YX N
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation? . Mild to moderate surface corrosion judge.	ed occeptoble
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO
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.) • Motores Dwg. # 6280 - M - 11 - 29, Rev. 10	Y∭ N□ U□ N/A□
6. Based on the above anchorage evaluations, is the anchorage free of	YX NO UO

 $^{^{12}\,\}mathrm{Enter}$ the equipment class name from Appendix B: Classes of Equipment.

17 E 1 N 3 B

1. 1. 3.3. 1

Equipment ID No. 3CP042 Equip. Class ¹² (06) Vertical Pumps	
Equipment Description High Pressure Service Water Pump C	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	YX N UU N/A
No soft targets	
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	YX N UU N/A
·No overheads	
9. Do attached lines have adequate flexibility to avoid damage?	YM NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YX NO UO
responsible to the state of the	
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YX ND UD
Comments (Additional pages may be added as necessary) 1PEEE: Crone hos been secured w/ tornado	die-downs
	· · · · · · · · · · · · · · · · · · ·
Evaluated by: Janus Magain	Date: 8/29/2012
X= GA	812912012



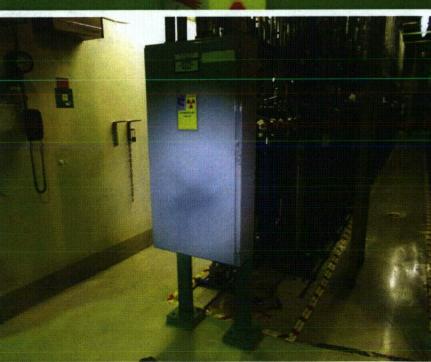


Equipment ID No. 30008 Equip. Class ¹² 14(0;51:65)	ion Panel)
Equipment Description RPS SCRAM solunoid fusu pan	el D
Location: Bldg. RB Floor El. 135 Room, Area	R3-24
Manufacturer, Model, Etc. (optional but recommended)	•
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record t findings. Additional space is provided at the end of this checklist for documenting	he results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YO NO
2. Is the anchorage free of bent, broken, missing or loose hardware?	YAND UD N/AD
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YZ NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YZNO UO N/AO
Minor chipping near corner is no	15502.
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.)	A□ N□ N□ N\V)X
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	NO UO

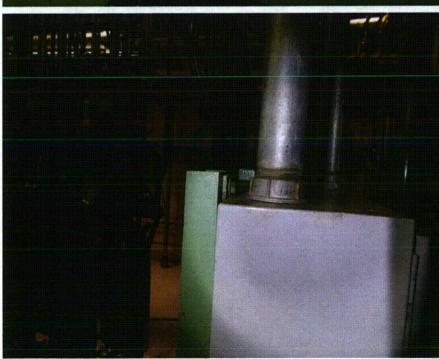
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

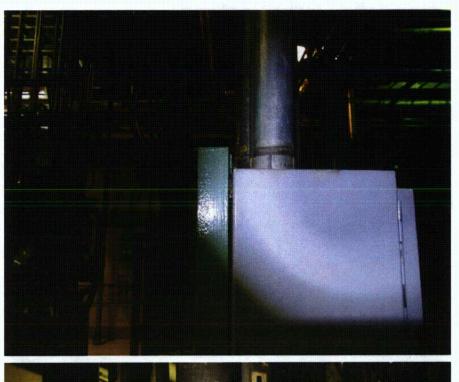
Equipment ID No. 30068 Equip. Class ¹² 14 (Destribut	ion Panel)
Equipment Description RPS SCRAM solenoid fuse	pane D
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures? No soft targets free from impact by nearby equipment or structures?	Y≰N□ U□ N/A□
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Concurrs.	YZ,NO UO N/AO
9. Do attached lines have adequate flexibility to avoid damage?	YDDO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YZNO UO
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YCRNO UO
	e two
Comments (Additional pages may be added as necessary)	
Evaluated by: Sen Try	Date: $\frac{9/25/12}{9/25/12}$

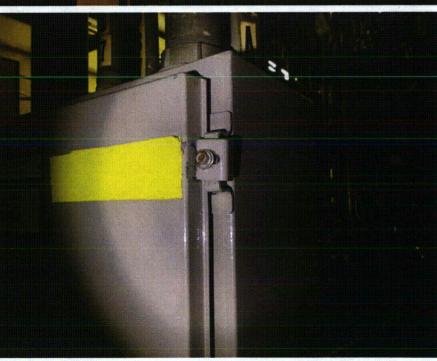




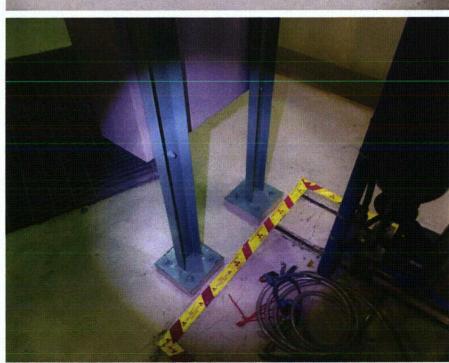








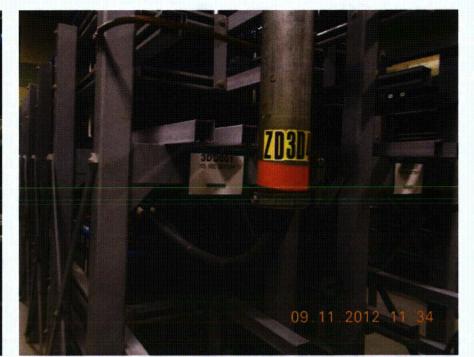




Equipment ID No. 3DD01 Equip. Class ¹² (15) Batteries & Rac	ks
Equipment Description 125 VDC Battery 3D	
Location: Bldg. Turbine Floor El. 135 Room, Area T3-169	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space.	the results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YX N
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YX NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y¤ N□ U□ N/A□
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.) Motches configuration evaluated in colculation.	YX N□ U□ N/A□ on No. PS-155, Rev.1
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y NO UO

 $^{^{12}\,\}mbox{Enter}$ the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 3DD01 Equip. Class ¹² (15) Batteries & Racks
Equipment Description 125 VDC Battery 3D
Interaction Effects
7. Are soft targets free from impact by nearby equipment or structures? YX N□ U□ N/A□ .No 5011 torgets
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, YN NO UNAD and masonry block walls not likely to collapse onto the equipment? Block walls 40-12 and 40-22 are safety related per PBAPS specification No. M-701, Rev. 1
9. Do attached lines have adequate flexibility to avoid damage? Y N□ U□ N/A□
10. Based on the above seismic interaction evaluations, is equipment free Y N□ U□ of potentially adverse seismic interaction effects?
Other Adverse Conditions
11. Have you looked for and found no other seismic conditions that could YX N□ U□ adversely affect the safety functions of the equipment?
Comments (Additional pages may be added as necessary) IPEEE: Overhead light 5-hooks have been closed and end roils have been snugged up to the batteries
Evaluated by: Quny Wagm Date: 9/12/2012
7. 98 9/12/2012







Equipment ID No. 3DD03 Equip. Class ¹² (16) Battery Charger	s and Inverters
Equipment Description Battery Charger 3D	
Location: Bldg. <u>Turbine</u> Floor El. <u>135</u> Room, Area <u>T3-172</u> Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record t findings. Additional space is provided at the end of this checklist for documenting.	the results of judgments and
Anchorage 1. Is the anchorage configuration verification required (i.e., is the item one	YX NO
of the 50% of SWEL items requiring such verification)? 2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YX NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO
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.) Motches Dwg. No. D-11938-2, Rev. C and Test 42718-1 (Test Procedure No. 543/0865/08, Rev. B)	YX NO UO N/AO Report No. YX NO UO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX NO UO

≺ C-3 **>**.

 $^{^{12}}$ Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 3DD03 Equip. Class ¹² (16) Battery Chargers and Inverters
Equipment Description Battery Charger 3D
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures? Y N□ U□ N/A□
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, AND UN NAI and masonry block walls not likely to collapse onto the equipment? Block wolls 40-4,-10,-17 and -19 are safely related per PBAPS specification. No. M-701, Rev.
9. Do attached lines have adequate flexibility to avoid damage? Y N U N N U N N N N N N N N
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? N□ U□
Other Adverse Conditions
11. Have you looked for and found no other seismic conditions that could YX N□ U□ adversely affect the safety functions of the equipment?
Comments (Additional pages may be added as necessary) Open 5-hook condition recorded in IR #01413285
Evaluated by: <u>Janes Wagain</u> Date: <u>9/24/2012</u> 917417617







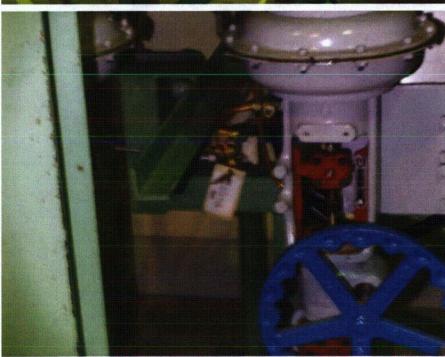


VOT	
Equipment ID No. A03-03-33 Equip. Class ¹² (07) Fluid (Air/Hyd)	Valves
Equipment Description Scram Discharge Volume Inboard Isolation Valve	
Location: Bldg. Reactor Floor El. 135 Room, Area R3-22	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided the space is prov	the results of judgments and
Anchorage 1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Live mounted	YO NEK
2. Is the anchorage free of bent, broken, missing or loose hardware?	YAND UD N/AD
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YAND UD N/AD
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YZ NO UO N/AO
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.)	VAND UD N/AX
6. Based on the above anchorage evaluations, is the anchorage free of	YND UD

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. A03-03-33 Equip. Class ¹² (07) Fluid (Air/Hyd)	Valves
Equipment Description Scram Discharge Volume Inboard Isolation Valve	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No soft targets identified	YEND UD N/AD
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? No II/I concerns dentified	YZNO UO N/AO
9. Do attached lines have adequate flexibility to avoid damage?	YZ NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YEND UD
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	ydno uo
Comments (Additional pages may be added as necessary)	
Evaluated by:	Date: 9/12/12
Ben Try	9/12/12





Equipment ID No. A03-03-36 Equip. Class ¹² (07) Fluid (Air/Hyd)	Valves
Equipment Description Scram Discharge Volume Outboard Isolation Valve	
Location: Bldg. Reactor Floor El. 135 Room, Area R3-22	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space.	the results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y NA
2. Is the anchorage free of bent, broken, missing or loose hardware?	YE NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YZ NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YAND UD N/AD
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.)	YO NO UO N/AZ
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	VO NO UO
	N°

¹² Enter the equipment class name from **Appendix B**: Classes of Equipment.

Equipment ID No. A03-03-36 Equip. Class ¹² (07) Fluid (Air/Hyd)	Valves
Equipment Description Scram Discharge Volume Outboard Isolation Valve	
Interaction Effects	.
7. Are soft targets free from impact by nearby equipment or structures? No soft targets identified	YO NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? No IIA concerns.	YZ NO UO N/AO
9. Do attached lines have adequate flexibility to avoid damage?	YZ NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	VENO UO
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YE-NO UO
Comments (Additional pages may be added as necessary)	
Evaluated by:	Date: $9/12/12$
Ben In	9/12/12





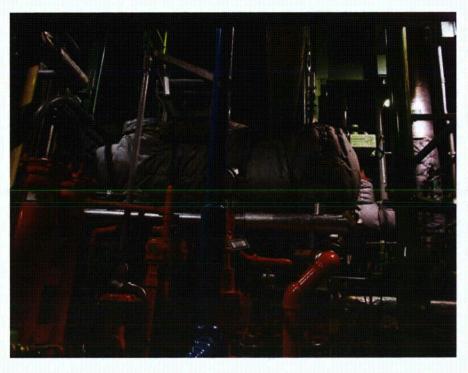
Equipment ID No. H03-23C-5512 Equip. Class ¹² (07) Fluid (Air/Hyd)	Valves
Equipment Description <u>HPCI Turbine Governor Control Valve</u>	
Location: Bldg. Reactor Floor El. 88 Room, Area R3-13	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space.	the results of judgments and
Anchorage	:
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y DN
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YX N U U N/A
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO
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.)	Y N UU N/AX
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX NO UO

 $^{^{12}\,\}mathrm{Enter}$ the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. H03-23C-5512 Equip. Class ¹² (07) Fluid (Air/Hyd) Valves		
Equipment Description HPCI Turbine Governor Control Valve		
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures? No soft dargets	YX N□ U□ N/A□	
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Overhead Crones in locked home positions	YX NO UO N/AO	
9. Do attached lines have adequate flexibility to avoid damage?	YX NO UO N/AO	
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YX NO UO	
Other Adverse Conditions		
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YX NO UO	
	•	
Comments (Additional pages may be added as necessary) NIA		
Evaluated by: Orney Wayam	Date: 9/10/2013	
S. G.	9110/2012	



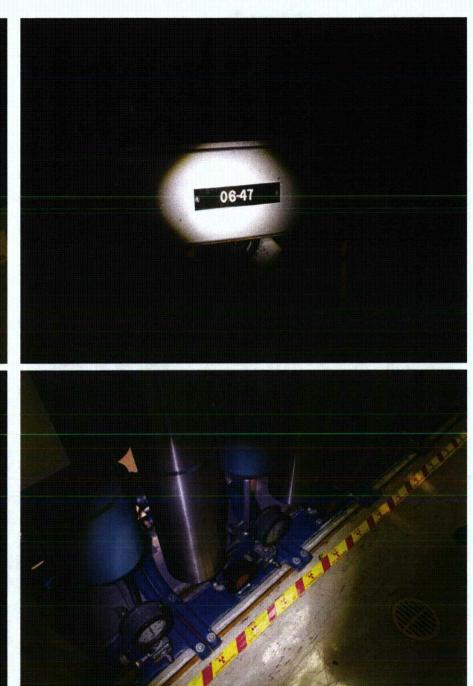


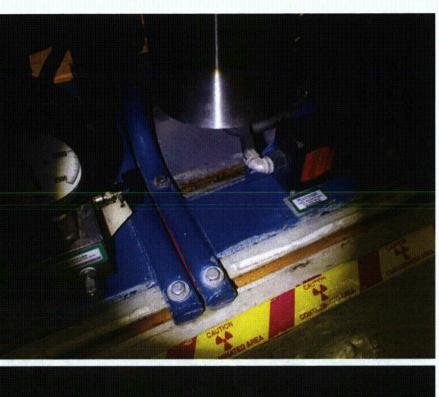


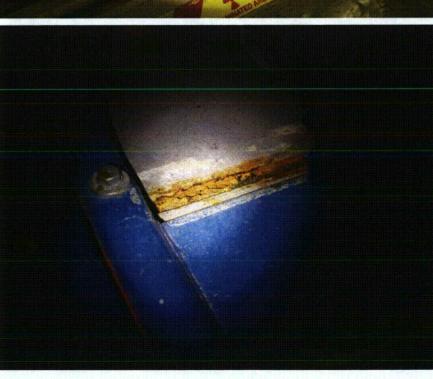
Equipment ID No. 06-47 Equip. Class ¹² Other	
Equipment Description Hydraulic Control Unit	
Location: Bldg. Room, Area R3-24	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of a SWEL. The space below each of the following questions may be used to record the findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of the space is provided the space is provided the space is provided the space is provided to the space is provided the space is provided to the sp	he results of judgments and
Anchorage	
1. Is the anchorage configuration verification required (i.e., is the item one	Y⊈N□
of the 50% of SWEL items requiring such verification)?	1120. 3
Verified per Oug 6280-M-1-V	1-14 @ RW. Z
2. Is the anchorage free of bent, broken, missing or loose hardware?	Y∰N□ U□ N/A□
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Debris in unistrut has accumulated collosion not is it an issue.	NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YEND UD N/AD
5. Takka anakana ang Cinanakian ang intantanish mlant da manakatian 0	\$/1 27 \$11 ⁻¹ \$11 ⁻¹ \$1/4 1 ⁻¹
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.)	YJZ-NO UO N/AO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YZ NO UO
	.3.₹

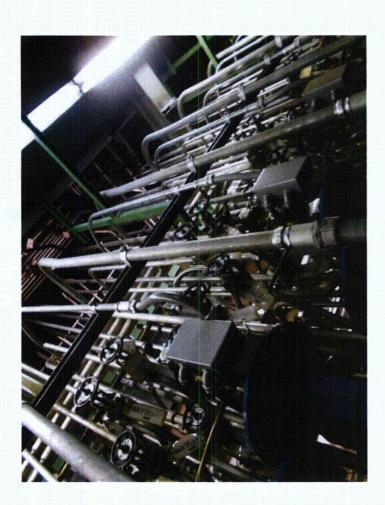
 $^{\rm 12}$ Enter the equipment class name from Appendix B: Classes of Equipment.

HCV-
Equipment ID No. 106-47 Equip. Class ¹² Other
Equipment Description
Interaction Effects
7. Are soft targets free from impact by nearby equipment or structures? Y N U N/A U N/A □
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, YNN UNA NAME and masonry block walls not likely to collapse onto the equipment? Overhead light fixtures secure.
9. Do attached lines have adequate flexibility to avoid damage? Y☐N☐ U☐ N/A☐
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? U□
Other Adverse Conditions
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?
Comments (Additional pages may be added as necessary) IPEEC - Unistrut bracing installed Res overhead conduit on HCU's,
Evaluated by: Date: 9/12/12
Ben Fry 9/12/12









Seismic Walkdown Checklist (SWC) HCU-14-35 Her Equipment ID No. ??? _ Equip. Class¹² (00) Other Equipment Description Hydraulic Control Unit Floor El. 135 Room, Area R3-24 Location: Bldg. Reactor Manufacturer, Model, Etc. (optional but recommended) **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 of the 50% of SWEL items requiring such verification)? Verified per Dug. 6280-11-1-14 YAN U N/A 2. Is the anchorage free of bent, broken, missing or loose hardware? YELNO UO N/AO 3. Is the anchorage free of corrosion that is more than mild surface oxidation? MU UU N/AU 4. Is the anchorage free of visible cracks in the concrete near the anchors? 5. Is the anchorage configuration consistent with plant documentation? YA NO UO N/AO (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

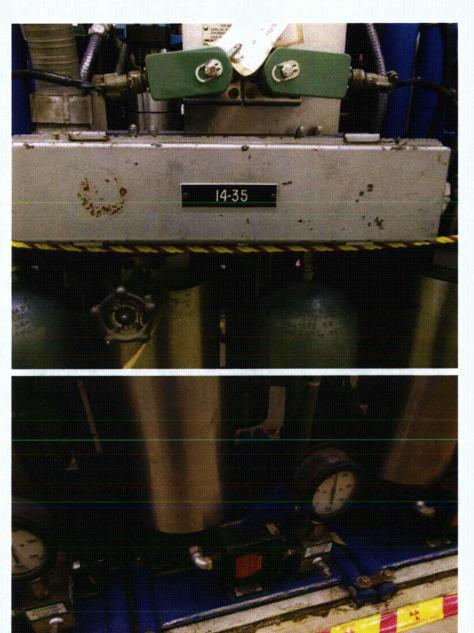
6. Based on the above anchorage evaluations, is the anchorage free of

potentially adverse seismic conditions?

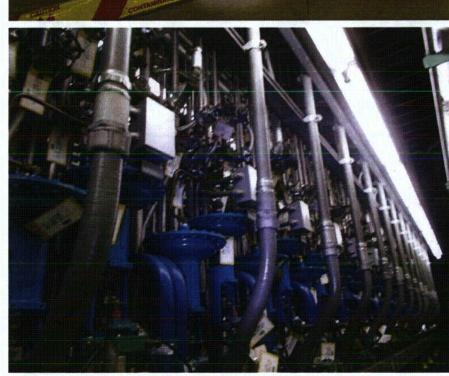
YEND UD

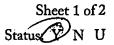
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

HCU _ Equipment ID No. <u>229 14-35</u> Equip. Class ¹² (00) Other
Equipment Description Hydraulic Control Unit
Interaction Effects
7. Are soft targets free from impact by nearby equipment or structures? Y►N□ U□ N/A□
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, YND UD N/AD and masonry block walls not likely to collapse onto the equipment? Overhead Ishthus fixtore is secone.
9. Do attached lines have adequate flexibility to avoid damage? Y☐N□ U□ N/A□
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? U□
Other Adverse Conditions
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? ✓ N□ U□ adversely affect the safety functions of the equipment?
Comments (Additional pages may be added as necessary) 1 PEEE - Unistruit bracing installed for overhead conduit on HCUs.
Evaluated by: Date: 9/12/12
Ben Fry 9/12/12





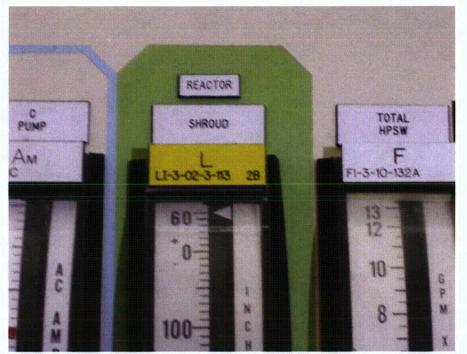




Equipment ID No. LI3-2-3-113 Equip. Class ¹² (20) Control Panels & Cabinets	
Equipment Description Reactor Water Level		
Location: Bldg. Turbine Floor El. 165	Room, Area <u>T3-100</u>	
Manufacturer, Model, Etc. (optional but recommended)		
Instructions for Completing Checklist	,	
This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.		
Anchorage		
 Is the anchorage configuration verification required (i.e of the 50% of SWEL items requiring such verification) 		
2. Is the anchorage free of bent, broken, missing or loose l	hardware? YX N U N/A	
3. Is the anchorage free of corrosion that is more than mile oxidation?	d surface Y⊠ N□ U□ N/A□	
4. Is the anchorage free of visible cracks in the concrete no mounted to cabinet.	ear the anchors? Y⊠ N□ U□ N/A□	
 Is the anchorage configuration consistent with plant doc (Note: This question only applies if the item is one of the which an anchorage configuration verification is required 	ne 50% for ,	
6. Based on the above anchorage evaluations, is the ancho potentially adverse seismic conditions?	rage free of YX N□ U□ ,	

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. LI3-2-3-113 Equip. Class ¹² (20) Control Panels &	& Cabinets
Equipment Description Reactor Water Level	<u> </u>
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	YN NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	YD NO UO N/AO
and masonry block walls not likely to collapse onto the equipment? MCR Ceiling consistent with Cale 26-5/2-12 Cale 6-106-1 could not be located. See IR.	1, Kevision U,
Call 6-106-1 could not be rocated. The	017 50631,
9. Do attached lines have adequate flexibility to avoid damage?	YX N U U N/A
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	AND NO
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YKK NO UO
Comments (Additional pages may be added as necessary)	
(Account pages may, or account as necessary)	
Evaluated by: Ben Fry	Date: 18/19/12
	Date: 10/19/12
M. ozhbar	/(1/12





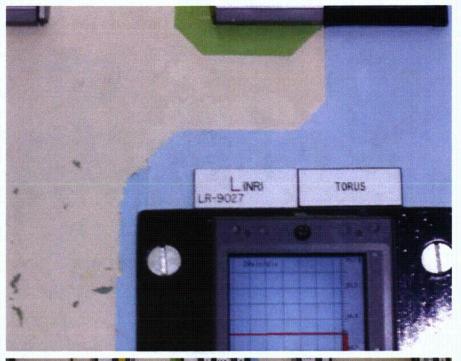




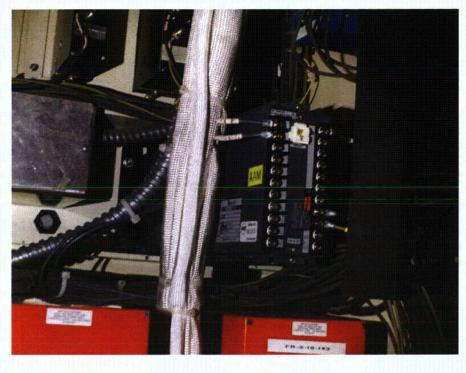
Equipment ID No. LI-9027 Equip. Class ¹² (20) Control Panels &	& Cabinets
Equipment Description Torus Water Level	
Location: Bldg. <u>Turbine</u> Floor El. <u>165</u> Room, Area <u>T.</u>	3-100
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record findings. Additional space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of this checklist for documenting the space is provided at the end of the space is provided the space is provided the space is provided the space is provided to the space is provided the space is provided to the space is	he results of judgments and
Anchorage	7 4
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y□ N ⊠
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface	YK NO UO N/AO
oxidation?	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO
 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.) 	Y□ N□ U□ N/A⊠
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YMZ N□ U□

¹² Enter the equipment class name from Appendix B: Classes of Equipment,

Equipment ID No. LI-9027 Equip. Class ¹² (20) Control Panels &	& Cabinets
Equipment Description Torus Water Level	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	YN NO UO N/AO
	•
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	44.4
MCR ceiling consistent with calc 26-5/2-12 Calc G-106-1 could not be located see ER	2, Revision O.
Calc 6-106-1 could not be located. See ER	
9. Do attached lines have adequate flexibility to avoid damage?	YIZ NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YN UO
	-
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YM NO UO
Comments (Additional pages may be added as necessary)	
Evaluated by: Ben fy	Date: 10/14/12
Evaluated by: Ben Fy M. Oghbai	10/19/12
	1711/10



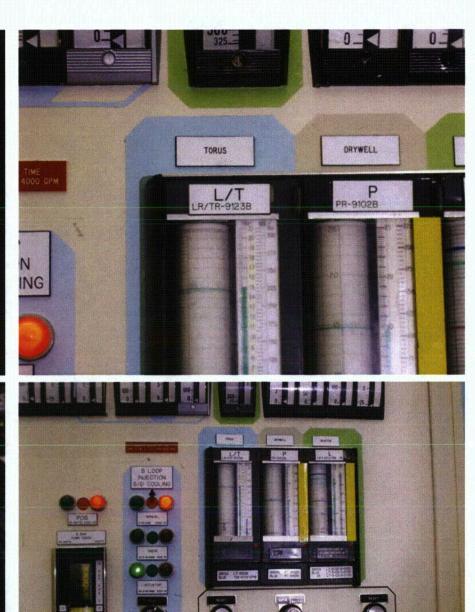


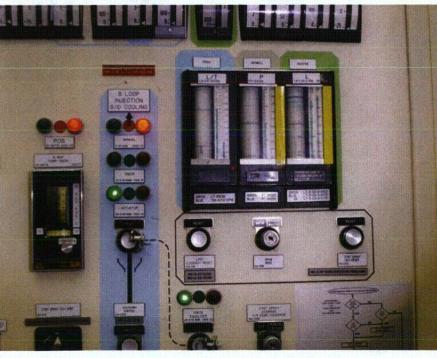


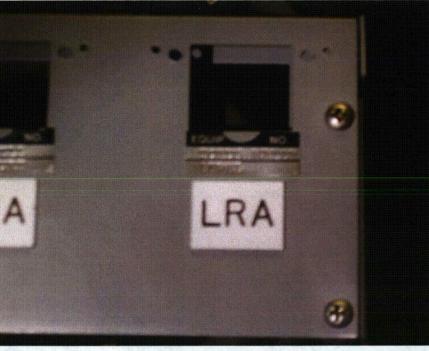
LRITE BAF 10/19/12		
Equipment ID No. <u>LR-9123B</u> Equip. Class ¹² (20) Control Panels	& Cabinets	
Equipment Description <u>Torus Water Level/Temperature Recorder</u>		
Location: Bldg. <u>Turbine</u> Floor El. <u>165</u> Room, Area <u>7</u>	3-100	
Manufacturer, Model, Etc. (optional but recommended)		
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 the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y□ NX	
2. Is the anchorage free of bent, broken, missing or loose hardware?	YMA UN N/AN	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	Y⊠ N□ U□ N/A□	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YK UU UU N/AU	
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.)	Y NO UN N/AK	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX NO UO	

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. LR-9123B Equip. Class ¹² (20) Control Panels &	Cabinets
Equipment Description Torus Water Level/Temperature Recorder	
Interaction Effects	r
7. Are soft targets free from impact by nearby equipment or structures?	YM no uo n/ao
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? MCR Ceiling Consistent with Calc 26-5/2-12 Calc 6-106-1 would not be located, see IN	YX NO UO N/AO , Nevision O, 2 01428651.
9. Do attached lines have adequate flexibility to avoid damage?	YM N□ U□ N/A□
10. Donad on the characteristic interaction confuntions is a majoracte force	
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YE NO UO
Other Adverse Conditions	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YM NO UO
Comments (Additional pages may be added as necessary)	
Evaluated by: Ben Fry	Date:
Evaluated by: Ben Fry 1. Oghbaer	Date:









Equipment ID No. LS3-23-91A Equip. Class ¹² (18) Instruments on I	Racks / Not on Racks	
Equipment Description Suppression Pool Level Switch		
Location: Bldg. Reactor Floor El. 91 Room, Area R3-11		
Manufacturer, Model, Etc. (optional but recommended)		
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 the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	Y NX	
2. Is the anchorage free of bent, broken, missing or loose hardware? Line - mounted	YN UU N/AU	
	~/	
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YM UU N/AU	
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YAY NO UO N/AO	
 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.) 	YO NO UO N/A)	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX NU UU	

¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. LS3-23-91A Equip. Class ¹² (18) Instruments on Racks / Not on Racks	
Equipment Description Suppression Pool Level Switch	
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures? 1. Small clearance between Upper component housing will and received equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	pipe support NYX NO UO N/AO Olso reduce liklihood é YX NO UO N/AO
9. Do attached lines have adequate flexibility to avoid damage?	YX NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YX NO UO
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YX NO UO
Comments (Additional pages may be added as necessary) N/A	
Evaluated by: Jones Wigam 2- A	Date: <u>9/10/2012</u> 9/10/2012







