Equipment ID No. 2BE24 Equip. Class ¹² (21) Tanks or Heat E	schangers (Vertical)
Equipment Description RHR Heat Exchanger B	gm 8/31/2012
Location: Bldg. Reactor Floor El. 746 91 Room, Area R	2-78 6
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)?	Y Nix
2. Is the anchorage free of bent, broken, missing or loose hardware? . See Comment #!	YX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation? , See Comment #1	YM NO NO 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.)	Y NO UO N/AX
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YXX NO UO

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

	Equipment ID No. 2BE24 Equip. Class ¹² (21) Tanks or Heat E	exchangers (Vertical)
	Equipment Description RHR Heat Exchanger B	
•	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?	YX NO UO N/AO
1		·
	9. Do attached lines have adequate flexibility to avoid damage?	Y N U U N/A
		•
	10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YX NO UO
<i>*.</i>		
	Other Adverse Conditions	
	11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YN N□ U□
Due 1009 and	Comments (Additional pages may be added as necessary) to presence of lead shielding and contaminated are of anchorage. Visible anchorage consistent w/ Dw in good condition.	os, could not verify 19. M-3400, Rev. 2
	·	
	Evaluated by: Janux Wignin	Date: 8/31/2012
	7 Ja	8/31/2012

#1,

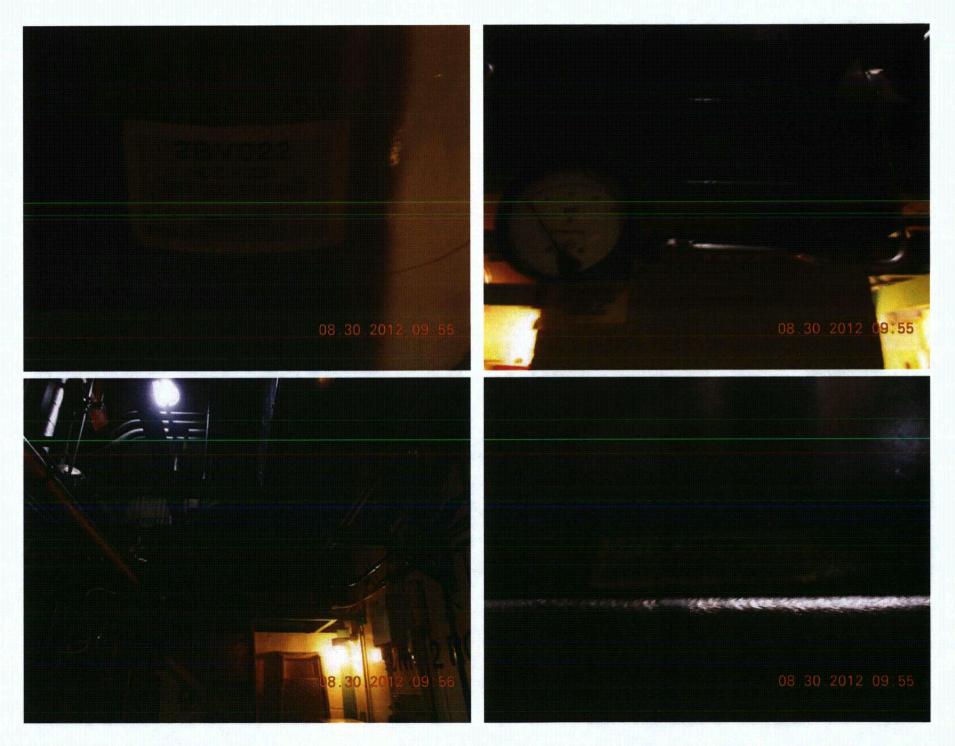


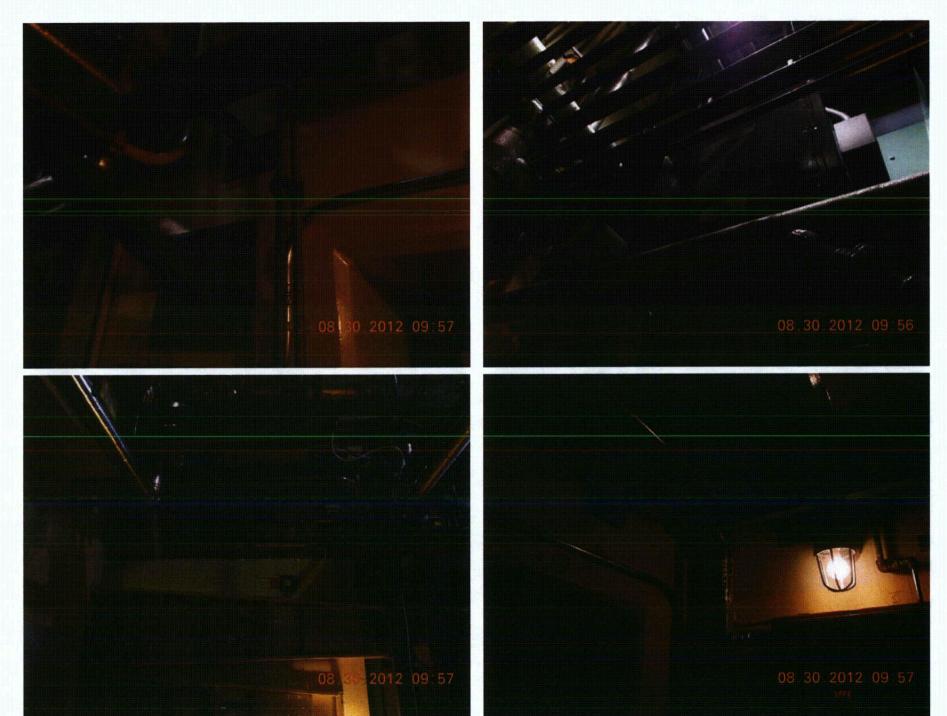


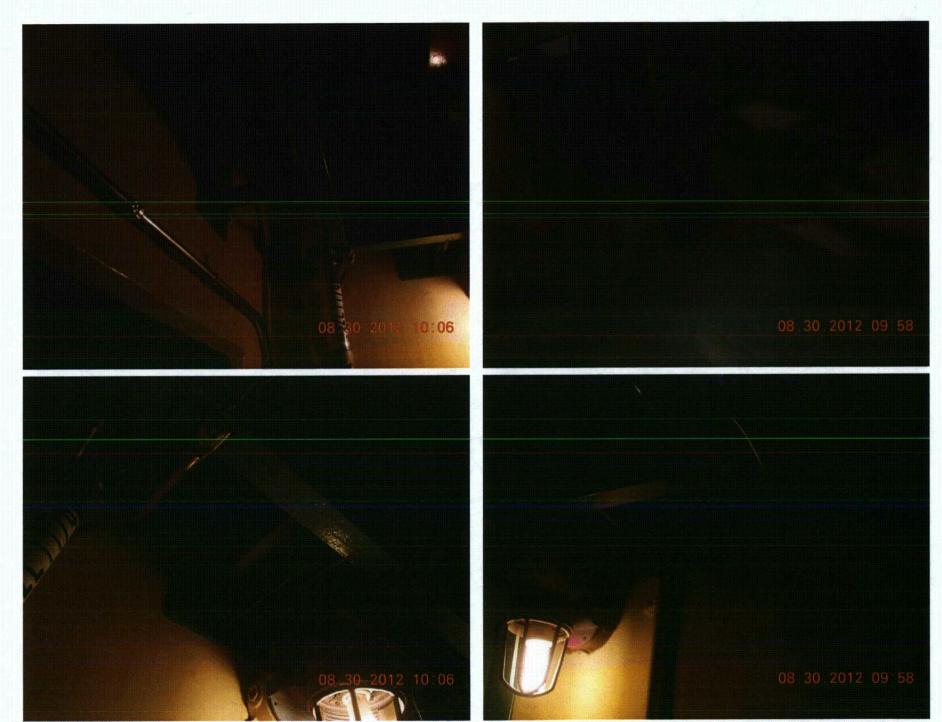
Equipment ID No. 2BE55 Equip. Class ¹² (10) Air Handlers	· · · · · · · · · · · · · · · · · · ·
Equipment Description RCIC Pump Room Cooling Coil B	
Location: Bldg. Reactor Floor El. 9788 1/8/12 Room, Area R	2-14
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
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 of 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 at the end of the space is provided the space is provided at the end of the space is provided at the end of the space is provided to the space is provided at the end of the space is provided to the space is provided	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)?	YN N
2. Is the anchorage free of bent, broken, missing or loose hardware?	YX NO UO N/AO
•	
in the second se	•
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YM NO UO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YX NO UO N/AO
	Ke alulyous
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for	YAY UD N/AD
which an anchorage configuration verification is required.) KG 9111-412	Orace does not match duc.
5-971, REV. B, BUT AS-BULLT CONFIGURATION WAS EVALUATED IN CALCIN	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX NO UD ACCUPABLE. SEE COMMUNITS. KO DIRING

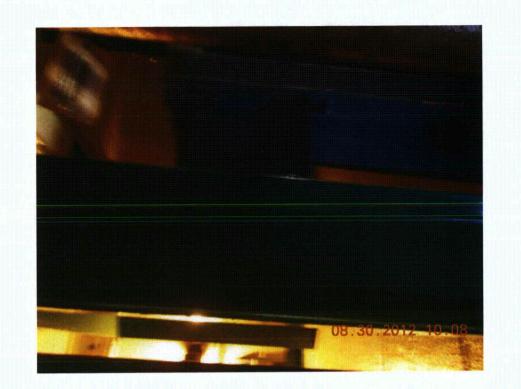
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. 2BE55 Equip. Class ¹² (10) Air Handlers			 .
Equipment Description RCIC Pump Room Cooling Coil B			
Interaction Effects 7. Are soft targets free from impact by nearby equipment or structures? - No soft darpers	Y Ì Ą 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 ÌX N□	U N/A	
9. Do attached lines have adequate flexibility to avoid damage?	YX N□	U[]. N/A[]	
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Y ∑ N□	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?	YX N□	U□	
Comments (Additional pages may be added as necessary) WHA CONFIGURATION MAGENEUR ISSUE ADDRESSED	in Ir	± 1411581	KO 101911Z —- 11011611Z
Evaluated by: Jr. Wrighn 7: Lt	Date:	9/11/2012 9/11/2012	







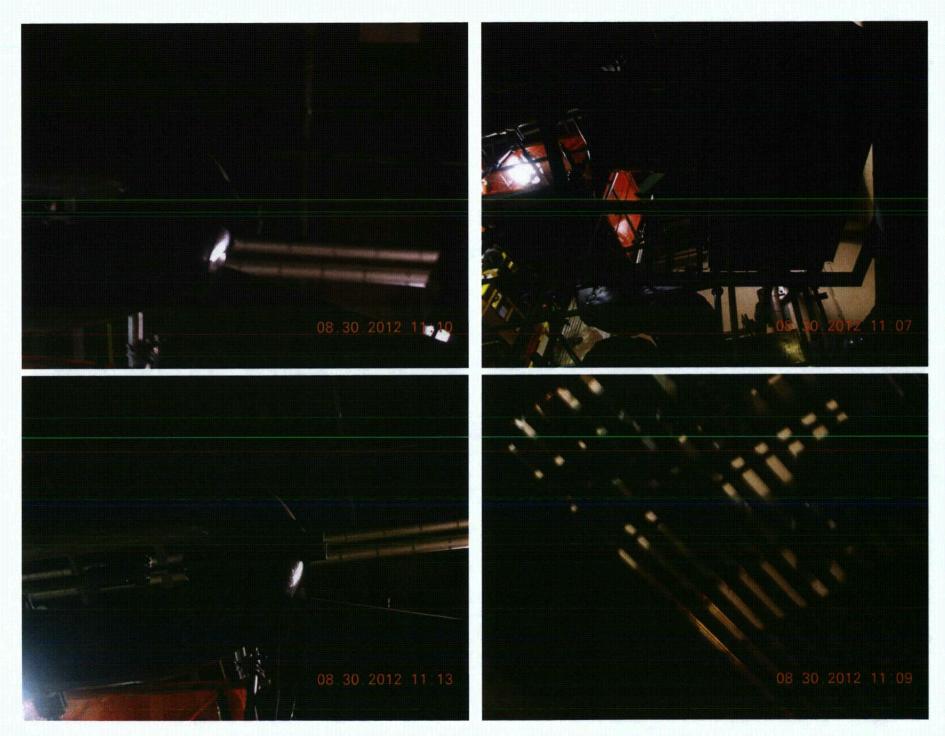


Equipment ID No. 2BE56 Equip. Class ¹² (10) Air Handlers	
Equipment Description HPCI Pump Room Cooling Coil B	
Location: Bldg. Reactor Floor El. 9788' KG 11917 Room, Area R	2-13
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist may be used to document 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 of t	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)?	YM 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?	YNO 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.) AUCHORAGE DOES NOT MATCH DWG S-972, REV. 0, BUT AS-THU WAS EVALUATED IN CALCULATION PS-6922, REV. 0 AND JUDGED AC	Y NO U N/A D LT CONFIGURATION CONTROL SEE COMMUNICATION CONTROL SEE COMMUNICATION
6. Based on the above anchorage evaluations, is the anchorage free of notentially adverse seismic conditions?	YN NO UO

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

Equipment ID No. 2BE56 Equip. Class ¹² (10) Air Handlers	
Equipment Description HPCI Pump Room Cooling Coil B	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? • No 5014 targets	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? Close proximity of HPCI discharge pioing and to fan had and frame judged acceptable.	YX NO UO N/AO scattolding
9. Do attached lines have adequate flexibility to avoid damage?	Y)X NO UO N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	Y) 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) NA CONFIGURATION MNAGEMENT ISSUE ADDRESSED IN TR H	410116114
Evaluated by: Games Wagam	Date: 9/11/2012
Evaluated by: Gray Wagam The Sk	9/11/2012

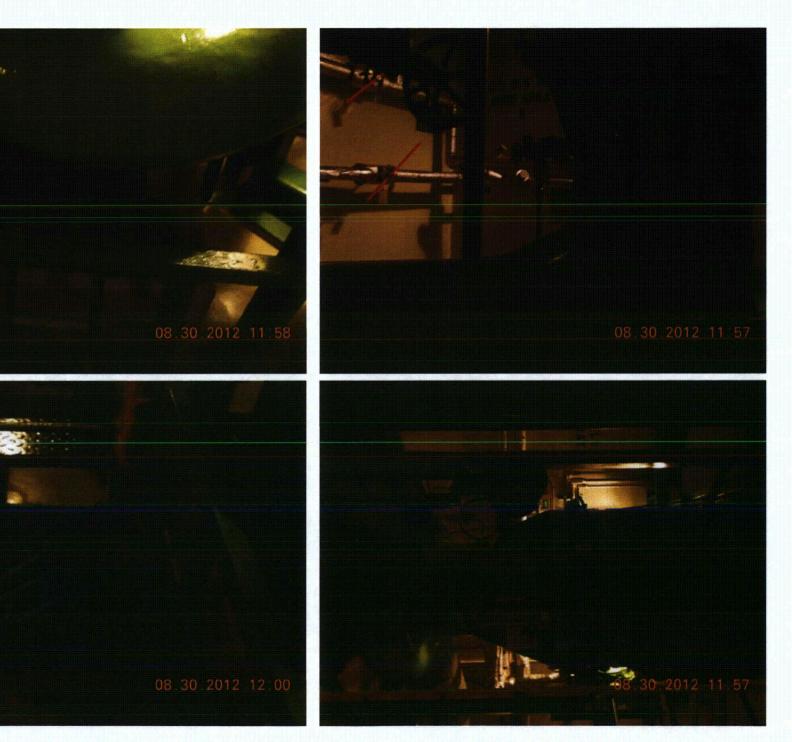




Seismic Walkdown Checklist (SWC)	
B 900 8/31/2012	
Equipment ID No. 2AP037 Equip. Class ¹² (06) Vertical Pumps	
Equipment Description Core Spray Pump X B	gw a/31/2012
Location: Bldg. Reactor Floor El. 91 Room, Area R	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
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 i	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?	YN UU UNAU .
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.) Matches Owg. No. M-3402, Rev. 3	YX NO UO N/AO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YNU UU

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

Equipment ID No. 2AP037 Equip. Class 12 (06) Vertical Pumps	
Equipment Description Core Spray Pump X B 9W 8/31/78/2	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No soft targets	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? No overhead	YX NO UO N/AO
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?	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:	Date: 8/31/2012
Evaluated by: Young Wagan	Date: 8/31/2012 8/31/2012

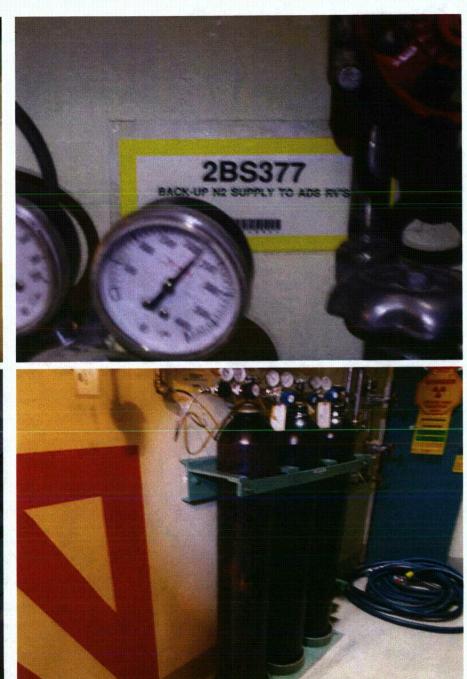




Equipment ID No. 2BS377 Equip. Class ¹² (21) Tanks or Heat E	xchangers (Vertical)
Equipment Description <u>Back-up N2 Supply to ADS</u>	
Location: Bldg. Reactor Floor El. 135 Room, Area R	2-23
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	•
This checklist 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 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.	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 ⊠ N□
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?	YM UU N/AU
4. Is the anchorage free of visible cracks in the concrete near the anchors? One side of top softed, one side of top support	YØ N□ U□ N/A□ weldrel,
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 □□ □□ N/A□
Anchorage confirmed to DWG- M-1786-5 Sheet 1/62	pors for a three
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YM N□ U□

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

Equipment ID No. 2BS377 Equip. Class ¹² (21) Tanks or Heat Exchangers (Vertical)		
Equipment Description Back-up N2 Supply to ADS		
Interaction Effects	<u> </u>	
7. Are soft targets free from impact by nearby equipment or structures?	YEN 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? Jamage from falling 14ht bulb not credible. No magonry block walls. No ceiling tites	YM N□ 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?	Y⊠ N□ 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?	YN NO UO	
Comments (Additional pages may be added as necessary)		
Evaluated by: Ban Jay	Date: 9/25/12	
Evaluated by: Ban Jay M. Oghbaci	Date: 9/25/12	













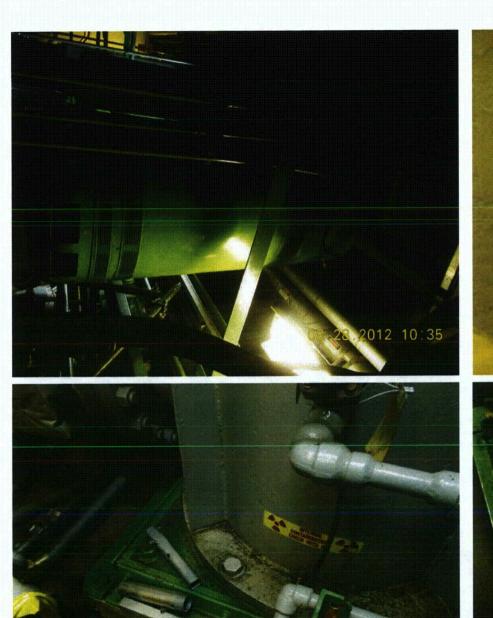




	•
Equipment ID No. 2CP042 Equip. Class ¹² (06) Vertical Pumps	
Equipment Description High Pressure Service Water Pump C	
Location: Bldg. Pump Structure Floor El. 112 Room, Area P.	/H-6
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist may be used 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)?	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?	YM 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.) Matches Dwg. # 6280-M-11-29, Rev. 10	YX NO UO N/AO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	AM N□ n□

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

Equipment ID No. 2CP042 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? No set dangers	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?	YX NO UO N/AO
9. Do attached lines have adequate flexibility to avoid damage?	YM NO UC N/AC
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 NU UU
Comments (Additional pages may be added as necessary) IPEEE: Crane has been secured w/ torne	odo tie-downs
Evaluated by: Own Wigom	Date: 8/29/2013
Evaluated by: Compared Wiggin Compared Wig	Date: 8/29/2013 8/29/2012



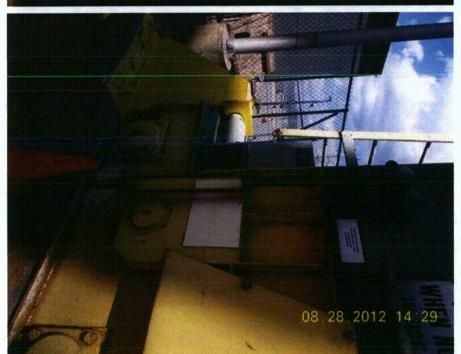
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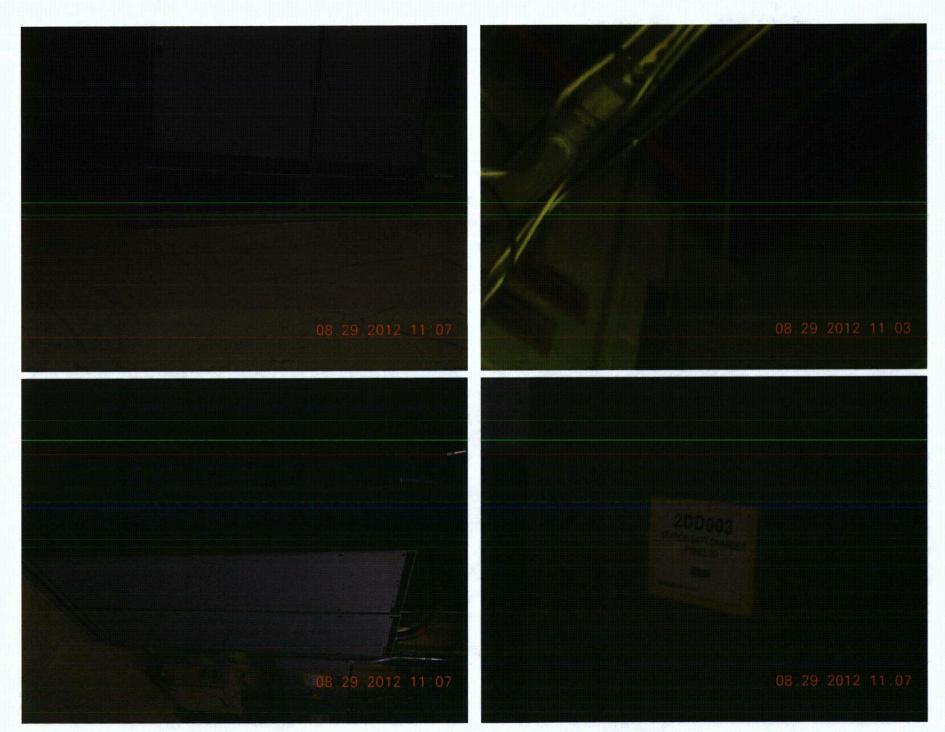


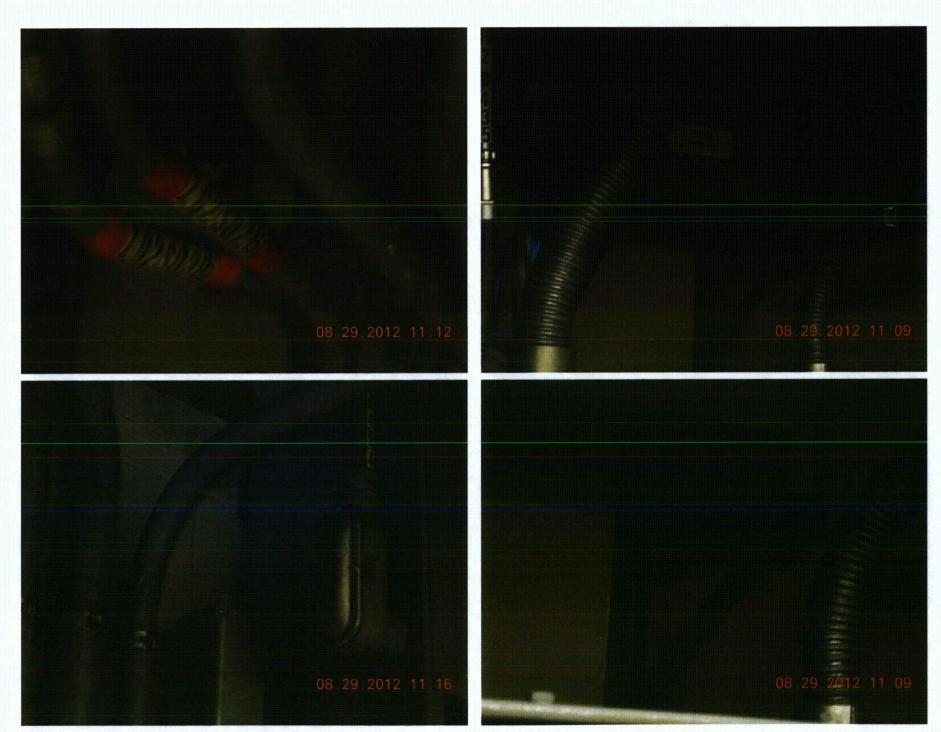


Equipment ID No. 2DD03 Equip. Class ¹² (16) Battery Chargers	and Inverters
Equipment Description Battery Charger 2D	r .
Location: Bldg. <u>Turbine</u> Floor El. <u>135</u> Room, Area <u>T2</u>	-172
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist This checklist 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 the space	ne 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?	Y)X 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?	YN UU UN/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.) Motches Dwg. No. 11938-2 Rev. C and Test Report (Test Procedure No. 543/0865/DB, Rev. B)	YX N□ U□ N/A□ No. 42718 ~ 1
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. 2DD03 Equip. Class ¹² (16) Battery Chargers and Inverters			
Equipment Description Battery Charger 2D			
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, YX N UNA und masonry block walls not likely to collapse onto the equipment? Block walls safety-related per PBAPS Specification No. M-701, Rev. 1. BLOCK walls are # 40-3,-9,-15, Aug-17. **6 4/11/2012			
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 YXINOUS adversely affect the safety functions of the equipment? Threaded fine piping is a double-interlock pre-action system (dry piping) per DISD No. P-S-51, Rev. 10			
Comments (Additional pages may be added as necessary)			
N/A			
Evaluated by: James Wiggin Date: 2/29/2012			
X, gs 8/29/2012			

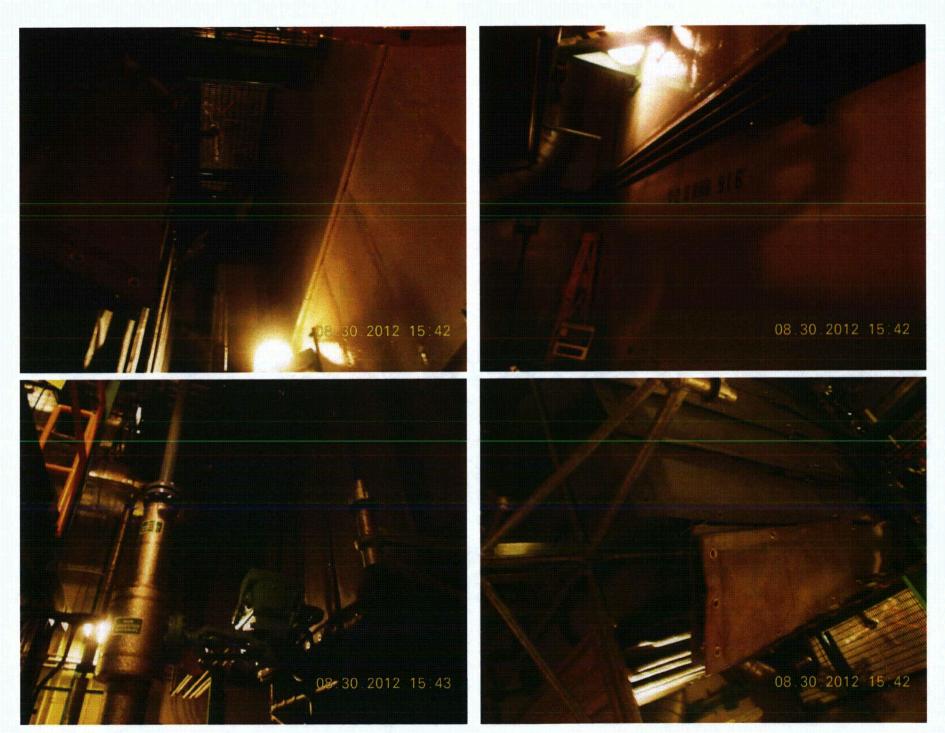


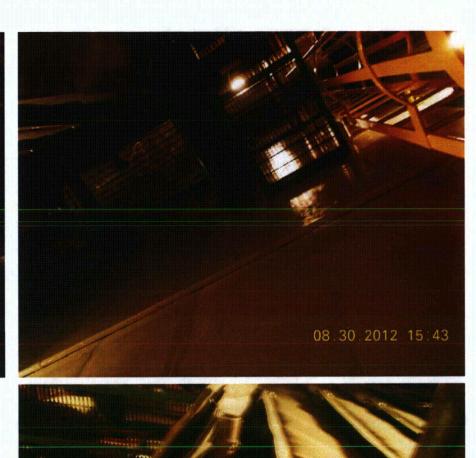


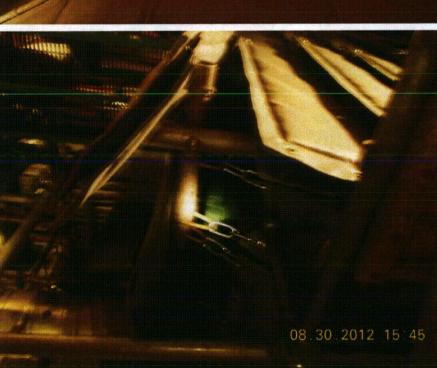
Equipment ID No. 2DE24 Equip. Class ¹² (21) Tanks or Heat E	xchangers (Vertical)			
Equipment Description RHR Heat Exchanger D				
Location: Bldg. Reactor Floor El. 4469 Room, Area R	2-1x 8 1/18 4/130/130/12			
Manufacturer, Model, Etc. (optional but recommended)				
Instructions for Completing Checklist				
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 DIX			
2. Is the anchorage free of bent, broken, missing or loose hardware? . See Comment #	YX NO UO N/AO			
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YA DU DA/AD			
See Comment #1				
4. Is the anchorage free of visible cracks in the concrete near the anchors? . Gee Comment # 1	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 NO UO N/A)X			
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX UD UD			

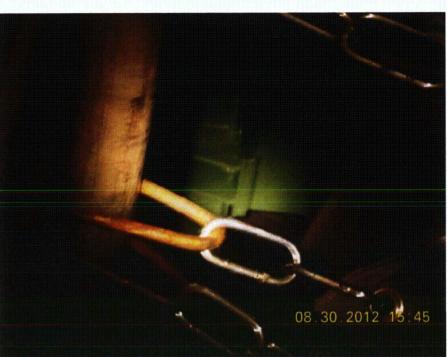
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

	Interaction Effects		
	7. Are soft targets free from impact by nearby equipment or structures?	YX NO UO N/AC]
	8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	YX NO UO N/AC] \(\frac{1}{2}\)
•	9. Do attached lines have adequate flexibility to avoid damage?	YX NO UO N/AC	3
	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	
Due	Comments (Additional pages may be added as necessary) to presence of lead shielding and contaminated to of anchorage. Visible anchorage consistent w/ 0 in good condition.	omos, could no lug. M-3400, Rev	of (
and	q_{zz}		







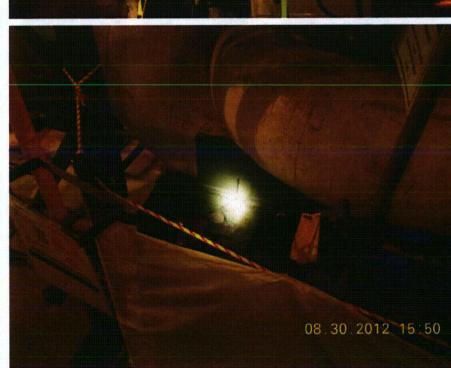


108 8130/12 (06) VERTICAL Equip. Class¹² (05) Horizontal Pumps Equipment ID No. 2DP035 Equipment Description RHR Pump D Room, Area R2-8 Location: Bldg. Reactor Floor El. 91 Manufacturer, Model, Etc. (optional but recommended). **Instructions for Completing Checklist** This checklist may be used to document 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 YX N□ of the 50% of SWEL items requiring such verification)? YX NU UU N/AU 2. Is the anchorage free of bent, broken, missing or loose hardware? ZX N UU N/AU 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? 5. Is the anchorage configuration consistent with plant documentation? YX NOUUNAO (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Dwg. No. 6280-5-1149, Rev. O YXX NI UI 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?

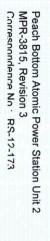
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

(06) VERTICAL	8/30/12	Sheet 2 of 2
Equipment ID No. 2DP035 Equip. Class ¹² (05) Horizontal Pump	os	
Equipment Description RHR Pump D		
7. Are soft targets free from impact by nearby equipment or structures?	YX NO	U□ 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? Coblectory's lightly boded and adequately	•	u n/a -
9. Do attached lines have adequate flexibility to avoid damage?	YX NO	U□ N/A□
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	YM NO	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?	A)XVIII	U[]
Comments (Additional pages may be added as necessary)		
N/A		
Evaluated by: Ormus Wagain	_ Date: <u>{</u>	3/31/2012
Evaluated by: Grows Wagain	{	3/31/2012 P131/2012





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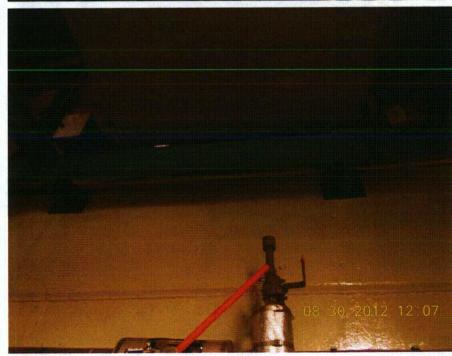
Equipment ID No. 2FE58 2EE57 Equip. Class ¹² (10) Air Handlers	
Equipment Description RHR Room B Cooling Coil E	S108/18/8 MB
Location: Bldg. Reactor Floor El. 91 Room, Area R	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Seismic Walkdown of SWEL. The space below each of the following questions may be used to record to findings. Additional space is provided at the end of this checklist for documenting the space of the space is provided at the end of this checklist for documenting the space of the space	he results of judgments and
Anchorage	a en e
1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?	YÌX N□
2. Is the anchorage free of bent, broken, missing or loose hardware?	YM UU N/AU
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	YX NU UU N/AU
which an anchorage configuration verification is required.) Motches Owg. Nos. 6260-5-968, Rev. O and	6280-5-975, Rev. 0
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.

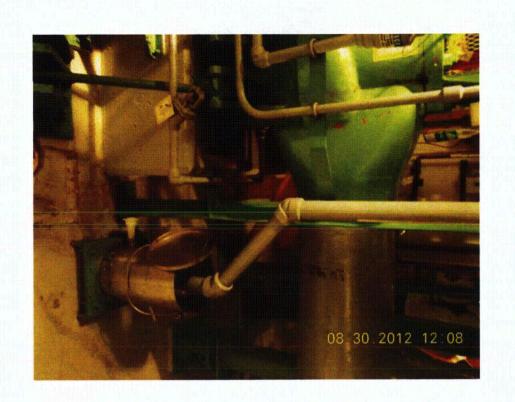
Equipment ID No. 2FE58 2EES7 Equip. Class ¹² (10) Air Handlers	
Equipment Description RHR Room B Cooling Coil E	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No soft targets	YK NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	YM UU N/AU
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: Orimur Wagam	Date: 8/31/2012
Evaluated by: Germy Wiggern	Date: 8/31/2012











Seismic Walkdown Checklist (SWC)	
F gov g/31/2012	
Equipment ID No. 2AE57 Equip. Class ¹² (10) Air Handlers	
B ghr 名別なる Equipment Description Core Spray Room X Cooling Coil	DIN 8/31/2012
Location: Bldg. Reactor Floor El. 91 Room, Area R	2-X 10
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	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.) Moteless Owg. No. 6280-5-468, Rev. O	YX NO UO N/AO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX N□ U□

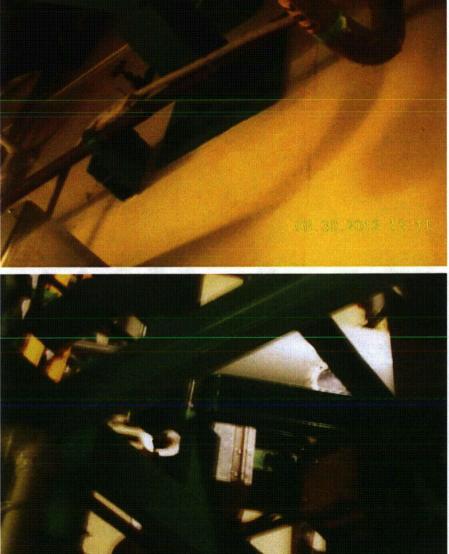
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

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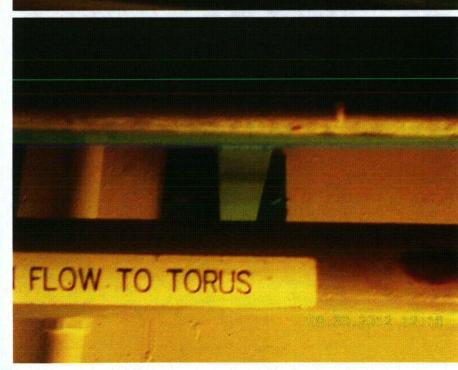
Date:

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6	
Equipment ID No. 2 Equip. Class ¹² (10) Air Handlers	
Equipment Description RHR Room & Cooling Coil & 6	
Location: Bldg. Reactor Floor El. 21 116 Room, Area R	12-6 19 gar 9/11/2012
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 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)?	AA NO
	•
2. Is the anchorage free of bent, broken, missing or loose hardware?	YIX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YM UU U/AU
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 WES NOT MATCH DUG 5-976, REV. O. BUT AS-BUAS EVALUATED IN CALCULATION PS-0922, Rev. O AND SUBSED ACC	Y N N U N/A U SUILT CONFIGURATION COPTABLE. SIE COMMENTS KC 101911R
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YM N□ U□

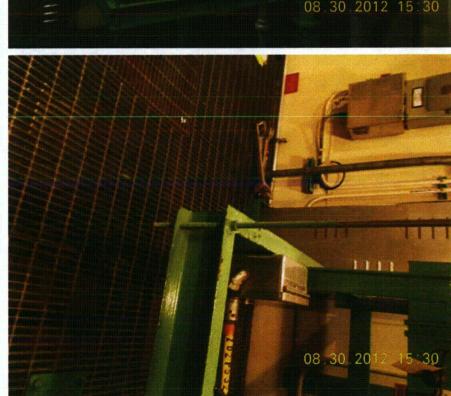
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

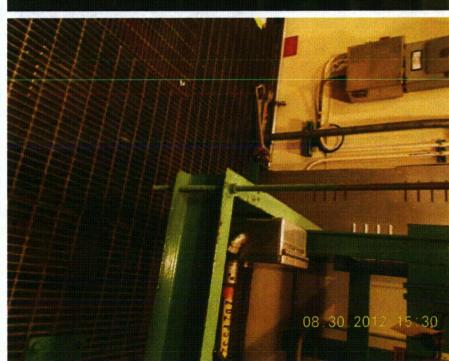
Equipment ID No. 2EE58 Equip. Class 12 (10) Air Handlers	
Equipment Description RHR Room & Cooling Coil & Ow 9/11/2012	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures?	YX NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	YX NO UO N/AO
en de la companya de La companya de la co	
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?	Y)Z 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?	בוט בוא נאַנץ
Comments (Additional pages may be added as necessary)	
WAX CONFIGURATION MANAGEMENT ISSUE ADDRESSED IN IR #	1411581 ×6 10/16/12
Evaluated by: Game Wagam	Date: 9/11/2012
Evaluated by: Your Wagam X. It	Date: 9/11/2012



2GV025 D RHR ROOM UNIT COOLER FAN G

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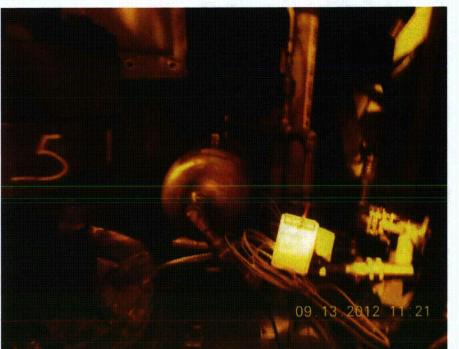




Equipment ID No. 2GT545 Equip. Class ¹² (21) Tanks or Heat E	xchangers (Vertical)
Equipment Description Instrument N2 Accumulator	
Location: Bldg. <u>Drywell</u> Floor El. <u>155</u> Room, Area <u>D/W2-35</u>	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
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 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 provided the space is provided to the space is provi	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?	Y) NU UU N/AU
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Mild to mederate surface corrosion judged acception.	yoplo Ja no oo nao
4. Is the anchorage free of visible cracks in the concrete near the anchors? • Mountain to steel support plate	YX NO UO N/AO
	RG IGHELIS
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for	YN NH UU N/AU
which an anchorage configuration verification is required.)	SEE COMMENTS KG 1014
Judged occuptable (lank frame wolded to support p	lote methor than boiled)
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. 2GT545 Equip. Class ¹² (21) Tanks or Heat Exchangers (Vertical)	
Equipment Description Instrument N2 Accumulator	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No soft dangers	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?	Y 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 ND 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?	YX NO UO
Comments (Additional pages may be added as necessary) WG 10/16/12 ANCHORAGE CONSISTENT WITH DWG # 62	80- M-3276, SHT 7 PD, 3
Evaluated by: Genry Wiggin	Date: 9/13/2012
De 212	9113/2012





K	
Equipment ID No. 2 T545 Equip. Class ¹² (21) Tanks or Heat I	Exchangers (Vertical)
Equipment Description Instrument N2 Accumulator	
Location: Bldg. <u>Drywell</u> Floor El. <u>155</u> Room, Area <u>D/W2-X7 }</u>	5 gar 9/13/2012
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 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)?	YX NO
2. Is the anchorage free of bent, broken, missing or loose hardware?	YÌX(N□ U□ N/A□
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Mild to moderate surface corrosion judged acce	phoble
4. Is the anchorage free of visible cracks in the concrete near the anchors? • Mounted to steel support plots	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.) Modeless Dwg. # 6280-M-3237, Rev. 7	YX NO UO N/AO
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YX NO UO

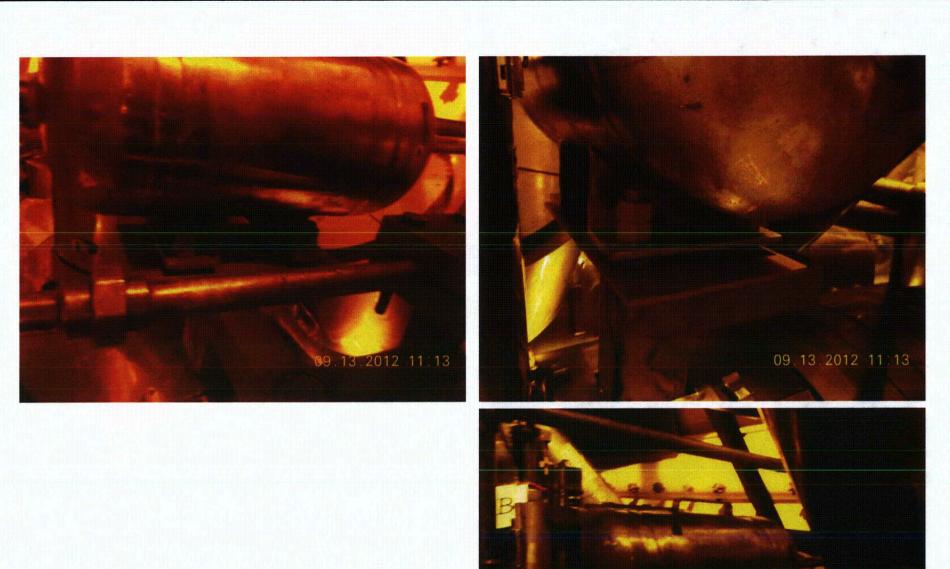
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¹² Enter the equipment class name from Appendix B: Classes of Equipment.

g AV 9/13/2012	Sheet 2 of 2
Equipment ID No. 2\T545 Equip. Class ¹² (21) Tanks or Heat E	exchangers (Vertical)
Equipment Description Instrument N2 Accumulator	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No soft dargets	YX NO UO N/AC
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	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 ND 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?	YX N□ U□
Comments (Additional pages may be added as necessary)	
N/A	
Evaluated by: James Wiggins	Date: 9/13/2012

9/13/2012

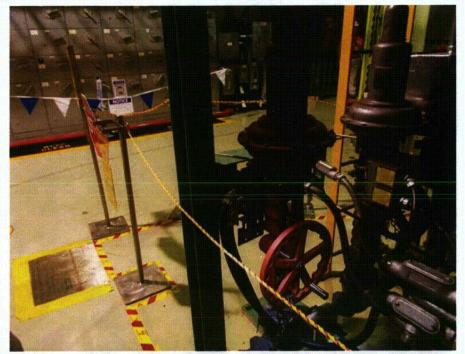
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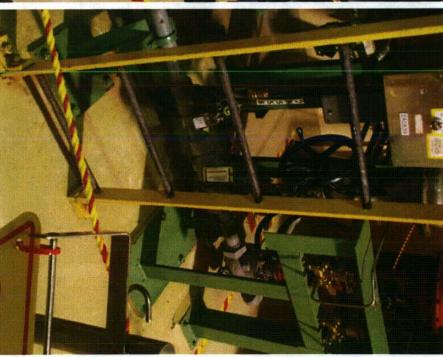


Equipment ID No. A02-03-035B & Equip. Class 12 (07) Fluid (Air/Hyd)	Valves
Equipment Description Scram Discharge Volume Inboard Isolation Valve	
Location: Bldg. Reactor Floor El. 135 Room, Area R	2-24
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist 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)?	Y NX
2. Is the anchorage free of bent, broken, missing or loose hardware?	YIX NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YM NO NO N/AO
4. Is the anchorage free of visible cracks in the concrete near the anchors?	Y⊠ N□ U□ N/A□
line-nounted valve.	
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for	Y NO UN N/A X
which an anchorage configuration verification is required.)	
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YKN N□ U□

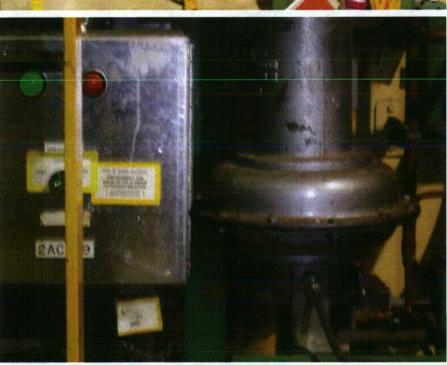
¹² Enter the equipment class name from Appendix B: Classes of Equipment.

Equipment ID No. A02-03-035B 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	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? Dawage from falling light bolbs not cadible. No masonry walls or ceiling files.	YN NO UO N/AO
9. Do attached lines have adequate flexibility to avoid damage?	YN NO UN N/AO
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Valve Dieffragin casing touching adjacent computer No damage Coedible. BME 10/10/12	YM 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?	Y⊠ N□ U□
Comments (Additional pages may be added as necessary)	* * * * * * * * * * * * * * * * * * *
Evaluated by: M. oghba	Date: <u>10/16/12</u>
Evaluated by:	Date: 10/16/12









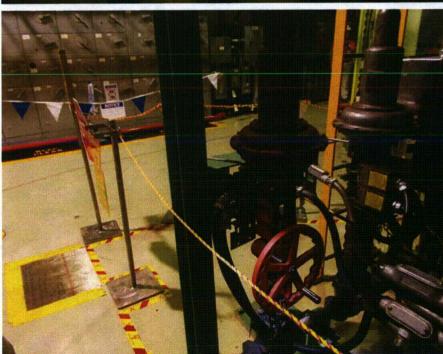


Equipment ID No. A02-03-032B & F Equip. Class 12 (07) Fluid (Air/Hyd)	Valves
Equipment Description Scram Discharge Volume Inboard Isolation Valve	
Location: Bldg. Reactor Floor El. 135 Room, Area R	2-24
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This 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 to 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 to the space is provided the space is provided to 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 NØ
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?	Y⊠ N□ U□ N/A□
4. Is the anchorage free of visible cracks in the concrete near the anchors? line-mounted valve.	YK 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 NU UU N/AKA
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YIX NO UO

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

Equipment ID No. A02-03- $\frac{636}{8ml^2}$ 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 Coff targets.	YKON□ U□ N/A□
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Damage from falling light bulbs not credibles no mesonry walls or ceiling tiles.	YM NO UO N/AO
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?	Y,⊠ N□ 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?	YA NO UO
Comments (Additional pages may be added as necessary)	u.·
Evaluated by: Macoshbaen	Date: 8/30/12
- Bor Fry	Date: 8/30/12











Favinment ID No. 102-01-0800 A Favinment ID No. 102-01-0800 A	
Equipment ID No. AO2=01=080 For Equip. Class ¹² (07) Fluid (Air/Hyd)	Valves
. Mr 9/12/	7017
Equipment Description Inboard Main Steam Isolation Valve & A	
Location: Bldg. <u>Drywell</u> Floor El. <u>134</u> Room, Area <u>D/W2-20 18</u>	gar 9/13/2012
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 to the space is provided the space is provided the space is provided to	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□ NX
2. Is the anchorage free of bent, broken, missing or loose hardware? Line-mounted	YX NU UU N/AU
3. Is the anchorage free of corrosion that is more than mild surface	YX NO UO N/AO
oxidation?	IS NO OF WAL
	,
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 NU UU N/AX
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YZ NO UO

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

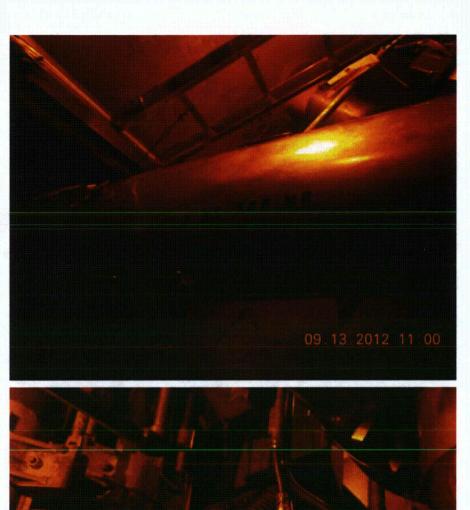
$A^{q^{m}}$	
Equipment ID No. AO2-01-080 Equip. Class (07) Fluid (Air/Hyd)	Valves // Valves
Equipment Description Inboard Main Steam Isolation Valve A 9/13	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No soft dangets	YX NO UO N/AO
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	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 NU UU
Comments (Additional pages may be added as necessary)	
MA	
Evaluated by: Jonny Wiggin	Date: 9/13/2012
De Gle	9/13/2012

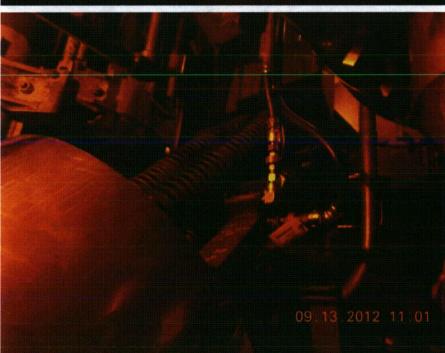


Equipment ID No. AO2-01-080B Equip. Class ¹² (07) Fluid (Air/Hyd)	Valves
Equipment Description Inboard Main Steam Isolation Valve B	
Location: Bldg. <u>Drywell</u> Floor El. <u>134</u> Room, Area <u>D/W2-18</u>	
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	:
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 findings. Additional space is provided at the end of this checklist for documenting the space of t	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)?	YD NX
电子电子 人名英格兰人姓氏 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	
2. Is the anchorage free of bent, broken, missing or loose hardware? Line - mounted	YN NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YX N UU N/AU
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.)	YO NO UO N/AX
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. AO2-01-080B Equip. Class ¹² (07) Fluid (Air/Hyd) Valves	
Equipment Description Inboard Main Steam Isolation Valve B	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No 50H targets	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? Nearby loverhead scottled and ladder securely metables.	
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?	YŽĄ N□ 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?	YX NO UO
Comments (Additional pages may be added as necessary)	
N/A	
Evaluated by: Jemy Wigam	Date: 9/13/2012
X= 9/15	9/13/2012







JW 9/13/2018-		
Equipment ID No. AO2-01-086 A Equip. Class 12 (07) Fluid (Air/Hyd)		
Equipment Description Outboard Main Steam Isolation Valve & A		
Location: Bldg. Reactor Floor El. 135 Room, Area R2-30		
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 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)?	Y DIX	
2. Is the anchorage free of bent, broken, missing or loose hardware? Line-mounted	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.)	Y NU UU N/AX	
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. AO2-01-086 Equip. Class ¹² (07) Fluid (Air/Hyd)	Valves
Equipment Description Outboard Main Steam Isolation Valve	>0%
- Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No 5014 dargets	YM UD N/AD
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	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: Janus Wiggin	Date: 9/13/2013
De 9/5	9/13/2012







Seismic walkdown Checklist (SwC)	
Equipment ID No. DPS 0224-4 Equip. Class 12 (18) Instruments on 1	Racks / Not on Racks
Equipment Description HPSW Pump Room DP Sensor	
	/H-9/6 16 1615 12012
	11-9 6
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 the space is provided the space is provided the space is provided to the space is provided the space is provided to the spa	the results of judgments and
Anchorage	, if
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?	Y NO UO N/AO
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YN UU N/AU
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.)	Y NU UU N/AX
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. <u>DPS3/0224-4</u> Equip. Class ¹² (18) Instruments on I	Racks / Not on Racks
Equipment Description HPSW Pump Room DP Sensor	
Interaction Effects	
7. Are soft targets free from impact by nearby equipment or structures? No soft dargets	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?	Y 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: Juny Wiggin	Date: 9/17/2012
X At	9/17/2012

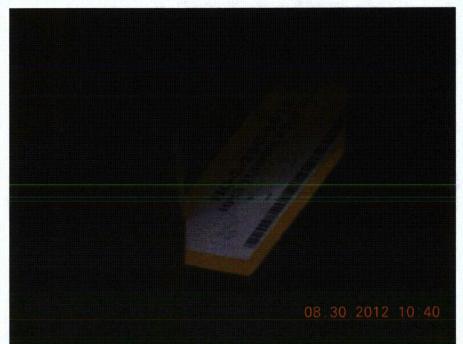




Equipment ID No. H02-23C-4513 Equip. Class ¹² (07) Fluid (Air/Hyd)	Valves
Equipment Description HPCI Turbine Stop Valve	
Location: Bldg. Reactor Floor El. 88 Room, Area R.	2-13
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	
This checklist may be used to document 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 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 i	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)?	ү□ иЖ
2. Is the anchorage free of bent, broken, missing or loose hardware? Line-mounted	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
 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 UO N/ADZ
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. H02-23C-4513 Equip. Class ¹² (07) Fluid (Air/Hyd) Valves			
Equipment Description HPCI Turbine Stop Valve	Landow West Market Trees		
7. Are soft targets free from impact by nearby equipment or structures? 1	YX N U U N/A		
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment?	YZ 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? . Clock proximity to scattoding judged acceptable.	Apple		
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)			
Evaluated by: Janus Wagner	Date: <u>8/30/2012</u>		
De Ga	Date: <u>8/30/2012</u>		





Equipr	13012- nent ID No 2??- 420- 11C U	<u>23</u> Equ	ip. Class ¹² (00)	Other		
Equip	nent Description Hydrau	lic Control Unit				
Locati	on: Bldg. <i>Reactor</i>	Floor El.	135	Room, Area	R2-24	
Manuf	acturer, Model, Etc. (option	onal but recomm	nended)			
Instru	ctions for Completing C	hecklist		:		
SWEL	necklist may be used to do . The space below each of gs. Additional space is pro	the following q	uestions may b	e used to recor	d the results of jud	gments and
Ancho	rage			₹		BMF.
1.	Is the anchorage configure of the 50% of SWEL iter			is the item on	e YN W	9/25/12- MO 9/25/12
•	•			• •		
2.	Is the anchorage free of t	ent, broken, mi	ssing or loose h	ardware?	YN NO UO	N/A□
3.	Is the anchorage free of coxidation?	corrosion that is	more than mild	surface	On On MA	N/A□
4.	Is the anchorage free of v	visible cracks in	the concrete ne	ar the anchors?	YE(NO UO	N/A□.
5.	Is the anchorage configuration (Note: This question only which an anchorage confirm	y applies if the it iguration verific	tem is one of the cation is require	e 50% for d.)	YK NO UO	N/A BMF 9/25/12
6.	Based on the above anch potentially adverse seism		ns, is the anchor	age free of	YX NO UO	

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

Sheet 2 of 2 BME 8/30/12 Equipment ID No. ??? _ Equip. Class¹² (00) Other Equipment Description Hydraulic Control Unit **Interaction Effects** 7. Are soft targets free from impact by nearby equipment or structures? YX NU UU N/AU 8. Are overhead equipment, distribution systems, ceiling tiles and lighting, YX NU UU N/AU and masonry block walls not likely to collapse onto the equipment? No Celling tites. No masony walls, Damage From falling light bolbs not credible. 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? **Other Adverse Conditions** 11. Have you looked for and found no other seismic conditions that could YKIND UD adversely affect the safety functions of the equipment? **Comments** (Additional pages may be added as necessary)

Evaluated by: 4. ohbar

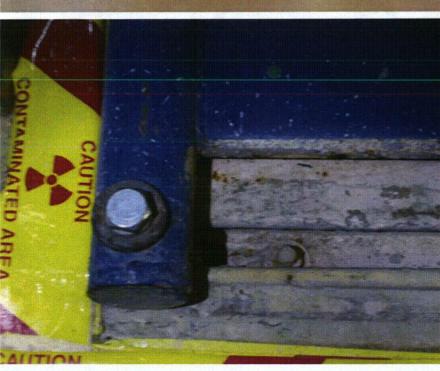
Ben Fry

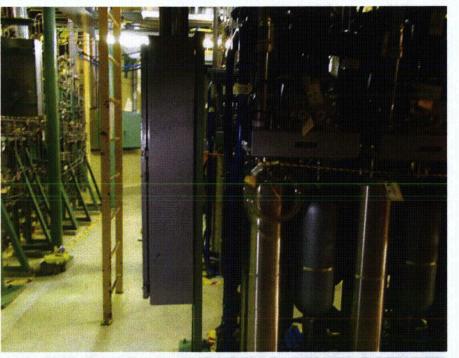
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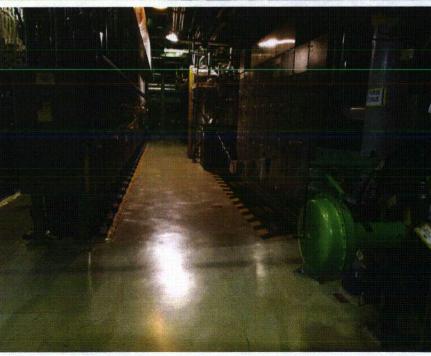




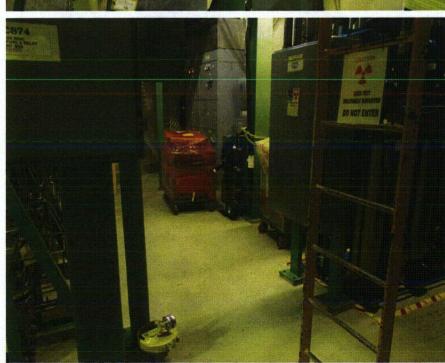












2, 9/25/12	
Equipment ID No. LIZ-2-3-113 Equip. Class ¹² (20) Control Panels &	& Cabinets
Equipment Description Reactor Water Level	o
Location: Bldg. <u>Turbine</u> Floor El. <u>165</u> Room, Area <u>T</u>	3-100
Manufacturer, Model, Etc. (optional but recommended)	
Instructions for Completing Checklist	· :
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 the space is provided at the end of this checklist for documenting the space is provided 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)?	Y NX
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?	Y⊠ N□ 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 U U N/AZ
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	Y⊠ N□ U□

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

2 9/25/12		
Equipment ID No. L17-2-3-113 Equip. Class ¹² (20) Control Panels &	ৈ Cabinets	
,		
Equipment Description Reactor Water Level		
Interaction Effects	•	
7. Are soft targets free from impact by nearby equipment or structures?	VEN NICH LICH NI/ACT	
7. The soft targets nee from impact by hearby equipment of structures:	YE 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?	YN UU N/AU	
and masonry block walls not likely to collapse onto the equipment?	, ·	
MCR ceiling consistent with Cale 26-5/2-12 Cale G-106-1 could not be located, see ER	, Revision O,	
Call G-106-1 could not be located, see IR	01428651.	
9. Do attached lines have adequate flexibility to avoid damage?	YQ NO UO N/AO	
	,	
10. Based on the above seismic interaction evaluations, is equipment free	Y⊠ N□ U□	:
of potentially adverse seismic interaction effects?	141100	gr
01 p 0101111111 11111111111111111111111		
	•	
Other Adverse Conditions		
11. Have very looked for and found no other gaignic conditions that gould	VCZNCS IIC	
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment?	YN U	•
adversely affect the safety functions of the equipment:		
		
Comments (Additional pages may be added as necessary)		
λ		
Evaluated by: Ber Fry	Date: 10/19/12	
Evaluated by: Ber Try M. Oghbain	Date: 10/19/12	
M. Oghban	10/19/12	





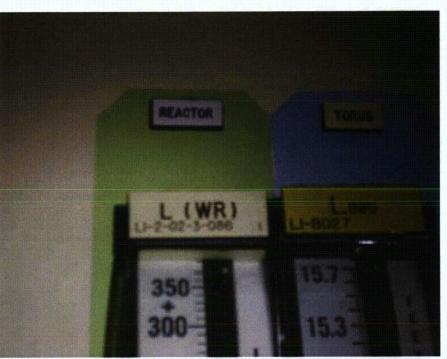




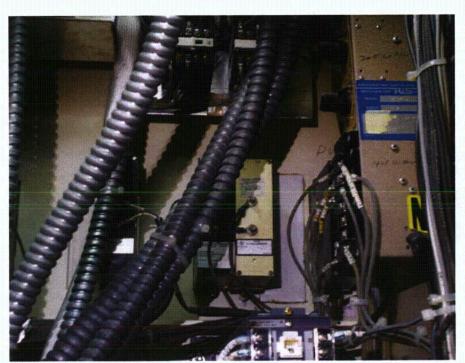
Equipment ID No. LI2-3-86 Equip. Class ¹² (20) Control Panels & Cabinets	-1-45		
Equipment Description Reactor Vessel High Water			
Location: Bldg. <u>Turbine</u> Floor El. <u>165</u> Room, Area <u>T2-100</u>			
Manufacturer, Model, Etc. (optional but recommended)			
Instructions for Completing Checklist			
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			
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? Y⋈ N□ U□ N/A			
3. Is the anchorage free of corrosion that is more than mild surface Y∑ N□ U□ N/A oxidation?	□		
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? Y□ N□ U□ N/A (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)	Ø		
6. Based on the above anchorage evaluations, is the anchorage free of y N□ U□ potentially adverse seismic conditions?			

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

Equipment ID No. LI2-3-86 Equip. Class ¹² (20) Control Panels & Cabinets			
Equipment Description Reactor Vessel High Water			
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 masonry block walls not likely to collapse onto the equipment? MCA CEILE CONSISTER wift Cale 26-5/7-12 No.	1.		
MCR ceiling consistent with cale 26-5/2-12, Re 6-106-1 could not be located. See IR 01428651.		, 43-2	
9. Do attached lines have adequate flexibility to avoid damage?	YZ NO	U N/A	
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects?	UN KA	U	
Other Adverse Conditions 11. Have you looked for and found no other seismic conditions that could	Y % N□		
adversely affect the safety functions of the equipment?	·	, · · · · ·	
Comments (Additional pages may be added as necessary)			
· · · · · · · · · · · · · · · · · · ·			
Evaluated by: Ben Jay	Date:	10/19/12	
M. Oghbaci	- .—	10/19/12	







Equipment ID No. LI-8027 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>	2-100		
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 t findings. Additional space is provided at the end of this checklist for documenting	he results of judgments and		
<u>Anchorage</u>	1 11		
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?	YØ N□ U□ N/A□		
3. Is the anchorage free of corrosion that is more than mild surface oxidation?	YKI NO UO N/AO		
4. Is the anchorage free of visible cracks in the concrete near the anchors?	YZZ 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 NU UN N/AZ		
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?	YZ NO UO		

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

Equipment ID No. LI-8027 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?	YM 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? MCR Ceiling Consistent with Calc 26-5/2-	12, Revison 0-		
Call 6-106-1 could not be located. See IN	01428651.		
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?	YN 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?	YK NO UO		
Comments (Additional pages may be added as necessary)			
Evaluated by: Ben Fry	Date: ///14/12		
M. Ozhbaci	10/19/12		



