Sheet 1 of 2

Area Walk-By Checklist (AWC)	Status: Y N U
Location: Bldg. DIESEL Floor El. 130 Room, Area SWITCHGE	AR ROOM 2F
Instructions for Completing Checklist This checklist may be used to document the results of the Area Walk-By near on space below each of the following questions may be used to record the results of Additional space is provided at the end of this checklist for documenting other complete.	judgments and findings.
1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Y⊠ N□ U□ N/A□
2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Y⊠ N□ U□ N/A□
3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?	Y⊠ N□ U□ N/A□
4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?	Y⊠ N□ U□ N/A□

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)	Status: Y⊠ N□ U□
Location: Bldg. DIESEL Floor El. 130 Room, Area SWITCHO	GEAR ROOM 2F
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portab equipment, and temporary installations (e.g., scaffolding, lead shielding)?	Y⊠ N□ U□ N/A□ le
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?	Y⊠ N□ U□
Comments (Additional pages may be added as necessary) None.	
Evaluated by: Juan Vizcaya The Patrick Kelly	Date: 09/12/2012
Patrick Kelly	<u>09/12/2012</u>

Sheet 1 of 3

Status: Y N U

Area Walk-By Che	cklist (AWC)		
Location: Bldg. REA	CTOR Floor El. 87	Room, Area ¹ Unit 2 HPCI	Room
Instructions for Con	pleting Checklist		
space below each of the	he following questions ma	ults of the Area Walk-By near on y be used to record the results of hecklist for documenting other c	judgments and findings.
		appear to be free of f visible without necessarily	Y⊠ N□ U□ N/A□
Since oxidation	oxidation present on an on is only on the surface nerefore, judged to not b	, the anchors are not	
Does anchorag degraded cond		a appear to be free of significant	Y⊠ N□ U□ N/A□
raceways and l seismic condit	ual inspection from the flo HVAC ducting appear to l ions (e.g., condition of sup cable trays appear to be ins	pe free of potentially adverse opports is adequate and fill	Y⊠ N□ Ü□ N/A□
		entially adverse seismic spatial area (e.g., ceiling tiles and	Y⊠ N□ U□ N/A□

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status:	$Y \boxtimes$	N	U
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Area Walk-By Checklist (AWC)

Location: Bldg. REACTOR Floor El. 87 Room, Area Unit 2 HPCI	Room
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?	Y⊠ N□ U□ N/A□
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?	Y⊠ N□ U□
Comments (Additional pages may be added as necessary)	
None	
Evaluated by: John McFarland	Date: 09/11/2012
Jeff Horton Off Horton	09/11/2012

Status: Y N U

Area Walk-By Checklist (AWC)

Location: Bldg. <u>REACTOR</u> Floor El. <u>87</u> Room, Area¹ <u>Unit 2 HPCI Room</u>

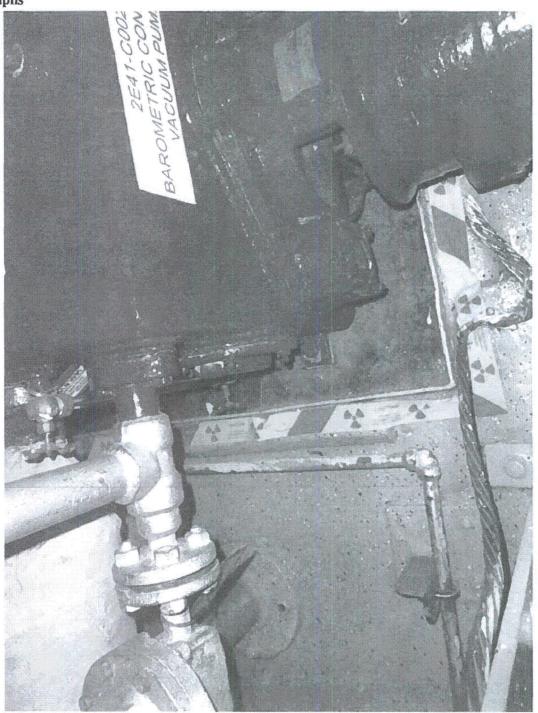


Figure 1 - Surface Oxidation on 2E41-C002-2 Anchors (Unit 2 HPCI Room)

		Sheet	l of 3
Status:	$Y \boxtimes$	N	U

Area Walk-By Checklist (AWC)	
Location: Bldg. REACTOR Floor El. 87 Room, Area NW Diagonal	
Instructions for Completing Checklist	
This checklist may be used to document the results of the Area Walk-By near on space below each of the following questions may be used to record the results of Additional space is provided at the end of this checklist for documenting other contents.	judgments and findings.
1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Y⊠ N□ U□ N/A□
2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Y⊠ N□ U□ N/A□
3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?	Y⊠ N□ U□ N/A□
4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?	YM NO UO N/AO

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)	Status: Y N N U
Location: Bldg. REACTOR Floor El. 87 Room, Area NW Diagonal	<u> </u>
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? A loose tag was found near the pump. The tag number is 2E51RCICR40A. CR522945 has been initiated for this purpose.	Y⊠ N□ Ü□ N/A□
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?	Y⊠ N□ Ü□
Comments (Additional pages may be added as necessary) None.	
Evaluated by: Kursat Kinali	Date: 9/24/2012
Wesley Williams Welsley f. Wellia	9/24/2012

Status: Y⊠ N□ U□

Area Walk-By Checklist (AWC)

Location: Bldg. REACTOR Floor El. 87 Room, Area NW Diagonal





Sheet 1 of 5 Status: YN NU U Area Walk-By Checklist (AWC) Room, Area¹ SE Diagonal Unit 2 Location: Bldg. REACTOR Floor El. 87 **Instructions for Completing Checklist** This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. 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. 1. Does anchorage of equipment in the area appear to be free of Y⊠ N□ U□ N/A□ potentially adverse seismic conditions (if visible without necessarily opening cabinets)? There is a Unistrut pipe clamp on the west wall missing a bolt. The pipe clamp is spread open, offering no restraint to the supported pipe (CR 515734). There are intact pipe clamps above and below the open clamp, so the unrestrained span of the conduit is small. The existing pipe clamps offer enough support to prevent significant movement during a seismic event. 2. Does anchorage of equipment in the area appear to be free of significant Y⊠ N□ U□ N/A□ degraded conditions? 3. Based on a visual inspection from the floor, do the cable/conduit YX NO UO N/AO raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? 4. Does it appear that the area is free of potentially adverse seismic spatial Y⊠ N□ U□ N/A□ interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)	Status: Y⊠ N□ U□
Location: Bldg. REACTOR Floor El. 87 Room, Area SE Diagona	I Unit 2
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?	Y⊠ N□ U□ N/A□
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? There is mild surface oxidation on the flange bolts for RHR Pump 2E11-C002D. Since oxidation is only on the surface, the bolts are not degraded. Therefore, judged to not be a concern.	Y⊠ N□ U□
Comments (Additional pages may be added as necessary) There is an equipment tag lying near Jockey Pump 2E21-C003B that is 515736).	not attached to änything (CR
Evaluated by: John McFarland	Date: 09/11/2012
10th Under Off 1/2 to	00/44/0040

Status: Y N U

Area Walk-By Checklist (AWC)

Location: Bldg. REACTOR Floor El. 87 Room, Area SE Diagonal Unit 2



Figure 1 - Pipe Clamp Missing Bolt (SE Diagonal Unit 2)

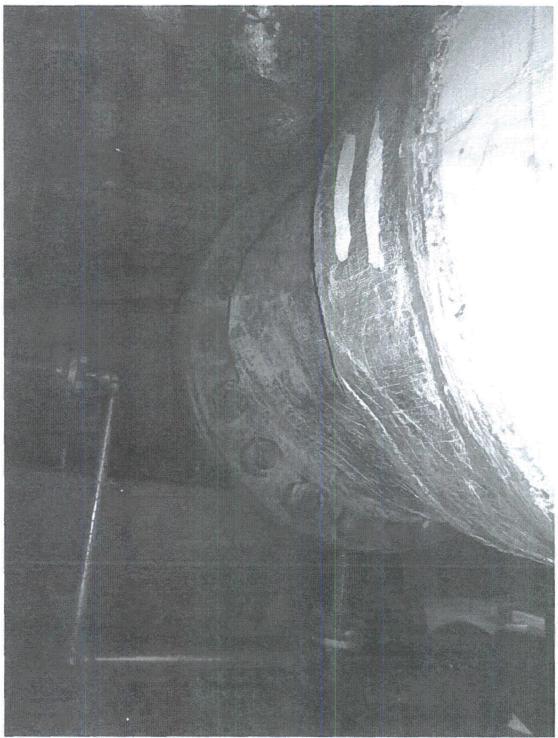


Figure 2 – RHR Pump Bolt Oxidation (SE Diagonal Unit 2)

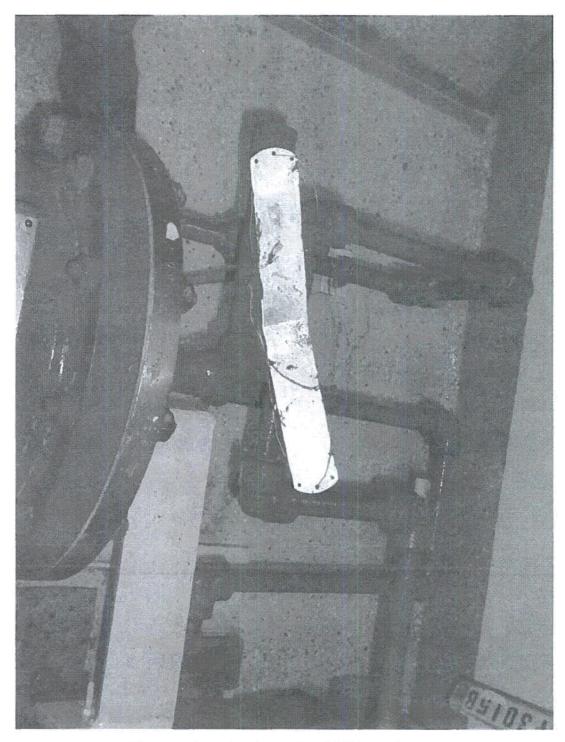


Figure 3 - Loose Equipment Tag (SE Diagonal Unit 2)

Sheet 1 of 5
Status: Y⊠ N□ U□

Area Walk-By Checklist (AWC)	Status: YX N_ U
Location: Bldg. Reactor Floor El. 109'-8" Room, Area Unit 2 SW D	iagonal Room
Instructions for Completing Checklist This checklist may be used to document the results of the Area Walk-By near or space below each of the following questions may be used to record the results of Additional space is provided at the end of this checklist for documenting other complete.	f judgments and findings.
 Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? 	Y⊠ N□ U□ N/A□
Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Y⊠ N□ U□ N/A□
3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?	Y⊠ N□ U□ N/A□
4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?	Y⊠ N□ U□ N/A□

If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)	Status: Y N U
Location: Bldg. Reactor Floor El. 109'-8" Room, Area Unit 2 SW	Diagonal Room
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? There are wrenches, a tape measure and cleaning supplies stored on top of Hose Station 2HS-R04. There are also poles stored on floor and a radwaste bag also stored on the floor near the Hose Station. SWE's have determined that these Items are far from seismic/safety related	
equipment, therefore they are seismically acceptable.8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?	YM NO UO
advorsely alread the surety functions of the equipment in the area.	
Comments (Additional pages may be added as necessary)	
None	
	D-4 00/24/2012
Evaluated by: John McFarland Jeff Horton Jeff Horton	Date: <u>09/24/2012</u> 09/24/2012

Status: Y⊠ N□ U□

Area Walk-By Checklist (AWC)

Location: Bldg. Reactor Floor El. 109'-8" Room, Area Unit 2 SW Diagonal Room

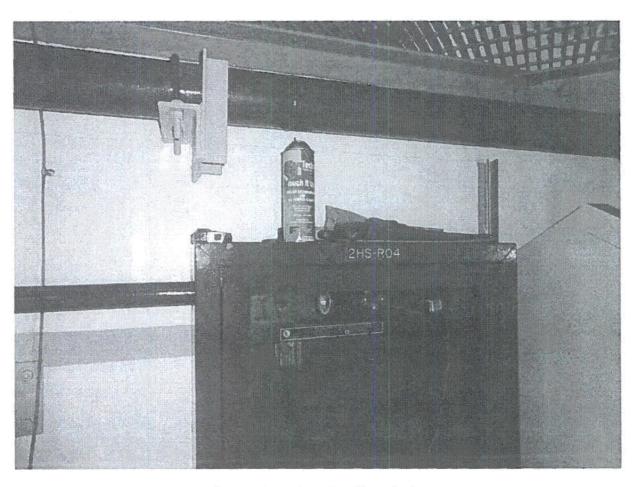


Figure 1: Items Stored on Hose Station

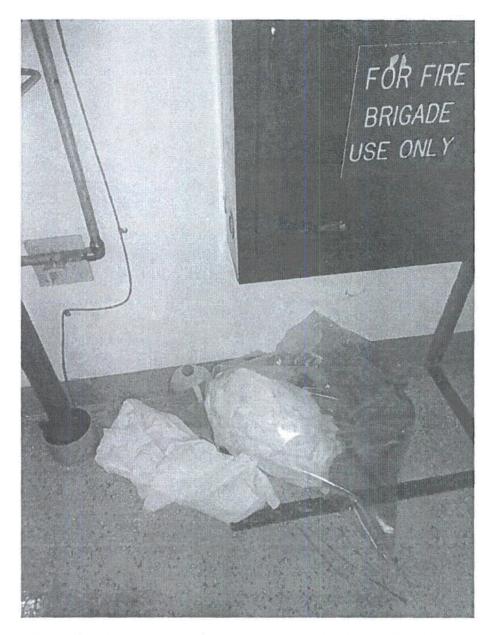


Figure 2 Radwaste Items on Floor in Contaminated Area near Hose Station

Sheet 5 of 5



Figure 3 Poles/Handles Stored on Floor Near Hose Station

Sheet 1 of 5
Status: Y⊠ N□ U□

Area	Walk-By	Checklist	(AWC)			otatas.	TEN THE OF
Locati	on: Bldg.	REACTOR	Floor El. 96	Room, Area ¹	Unit 2 HPCI F	Room Coole	r Platform
This c	hecklist m below eac	h of the follo	o document the re	esults of the Area Wa may be used to record schecklist for docume	the results of	judgments a	
1.0	potential opening A knee-b 2T41-B0 There is only one The knee wall. This is judg	ly adverse secabinets)? race for com 05B HPCI ca a hole in the bolt was eve e-brace is once e second kneed to have se	duit support near cooler has only on base plate for the ir installed since is e of a pair of supple the brace is fairly inficient capacity	rea appear to be free co (if visible without ne Valve 2E41-F007 ne e anchor bolt (CR 51) e second bolt, but it a there is no hole in the ports for a small cond large and has all anch to support the small of ddressed in CR 51546	cessarily ar the 5489). ppears that concrete. huit near the hor bolts, so conduit	Y⊠ N□	U[] N/A[]
2,		chorage of ed d conditions?		rea appear to be free o	of significant	YØ NO	U N/A
3.	raceways seismic o	s and HVAC conditions (e	ducting appear to g., condition of s	floor, do the cable/co to be free of potentiall supports is adequate a inside acceptable limi	y adverse nd fill	Y⊠, N□	U□ N/A□
4.		ons with other		potentially adverse seine area (e.g., ceiling ti		Y⊠ N□	U□ N/A□

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status:	$Y \boxtimes$	N	U

-	
Location: Bldg. REACTOR Floor El. 96 Room, Area Unit 2 HPCI	Room Cooler Platform
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?	Y⊠ N□ U□ N/A□
Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?	YM NO UO
Comments (Additional pages may be added as necessary)	
A "Hot Pipe" sign was found lying on the grating on the 96' elevation of the Unit 2 HPCI Room Cooler Platform) next to the 2T41-B005A cooler. The tag is light and not located near any sensitive equipment, so it is judgetentially adverse seismic condition due to this loose tag (CR 519707). The H01 test connection lead was found lying on top of the 2T41-I very light and is attached by the connection cable to the body of the delicate equipment in the vicinity of the lead, and the cooler is very will not be significant. Therefore, it is judged to not be a potential condition. This item does not need to be moved.	but not attached to anything. ged that there is no 3005A cooler. The lead is be cooler. There is no y rugged, so any impact
Evaluated by: John McFarland	Date: 09/11/2012
Jeff Horton Jeff Horto	09/11/2012

Status: Y N U

Area Walk-By Checklist (AWC)

Location: Bldg. REACTOR Floor El. 96 Room, Area Unit 2 HPCI Room Cooler Platform

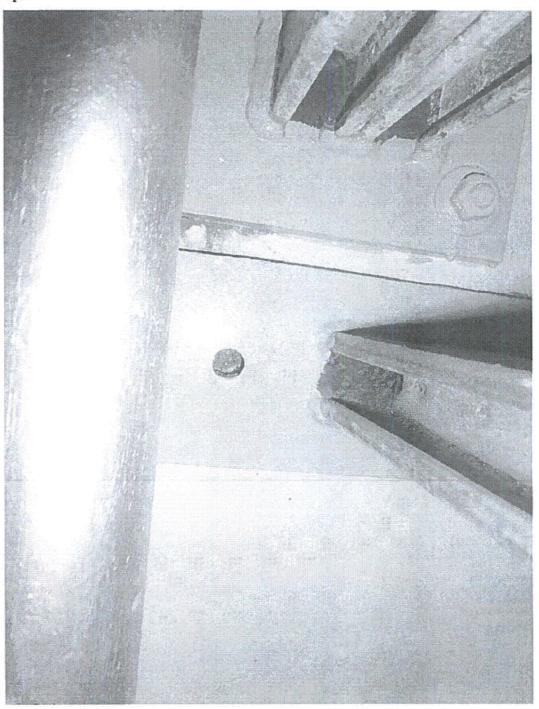


Figure 1 - Missing Knee Brace Anchor Bolt (Unit 2 HPCI Room)

Sheet 4 of 5

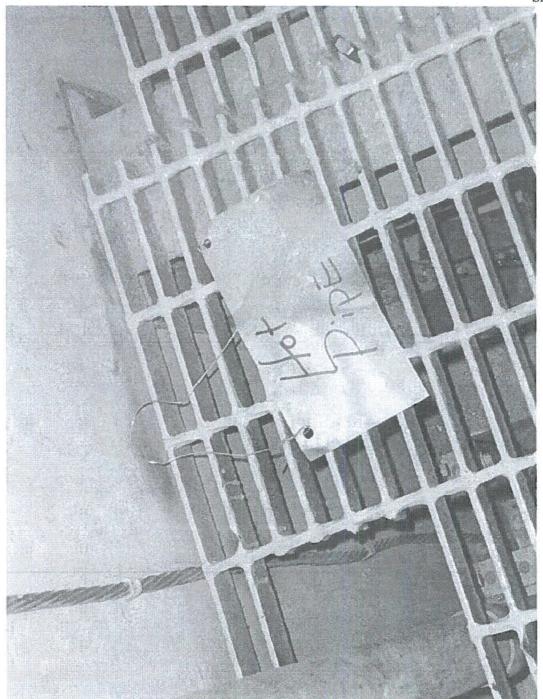


Figure 2 – Hot Pipe Sign (Unit 2 HPCI Room)

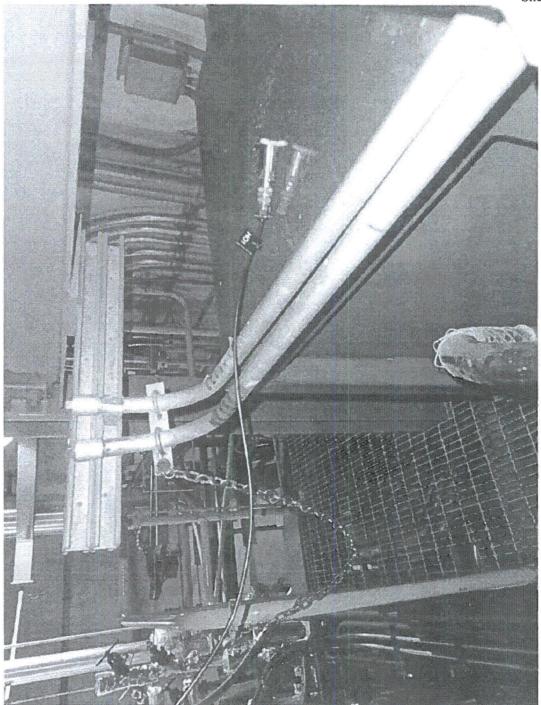


Figure 3 - Loose H01 Testing Lead (Unit 2 HPCI Room)

Sheet 1 of 4

Area Walk-By Checklist (AWC)	Status: Y N⊠ U
Location: Bldg. Reactor Floor El. 203 Room, Area ¹ SBGT Filter T	rain Room
Instructions for Completing Checklist	
This checklist may be used to document the results of the Area Walk-By near on space below each of the following questions may be used to record the results of Additional space is provided at the end of this checklist for documenting other co	judgments and findings.
 Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? 	Y⊠ N□ U□ N/A□
2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Filter Train 2T41-D007 and D008 have anchor bolts corroded as shown in the attached pictures. The corrosion appears to be severe enough to degrade the capacity of the some of the bolts. A CR has been initiated for this purpose (CR515661). Support anchors on the floor for the exhaust fan (2T41-C005B) ducts have cracks in the concrete at one of the anchor bolts. See attached pictures. A CR has been initiated for this purpose (CR515779).	Y N U N/A
3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)?	Y⊠ N□ U□ N/A□
4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?	Y⊠ N□ U□ N/A□

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

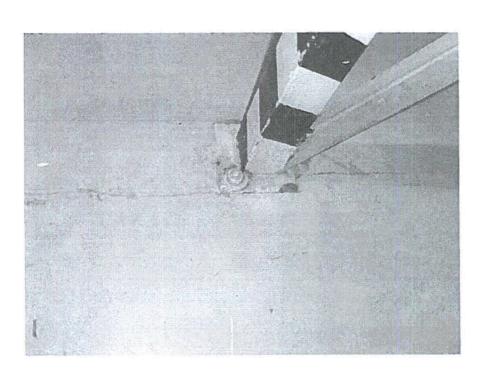
Area Walk-By Checklist (AWC)	Status: Y NX U
Location: Bldg. Reactor Floor El. 203 Room, Area SBGT Filter	Train Room
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?	Y⊠ N□ U□ N/A□
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?	Y⊠ N□ U□
Comments (Additional pages may be added as necessary)	
A loose tag was found in the room. A CR has been initiated for this purpo attached picture. Also, a loose nut was found in the room. It is judged not to be a seismic o	•
Evaluated by: Kursat Kinali	Date: 9/11/2012
Wesley Williams Wesley A. William	9/11/2012

Status: Y□ N⊠ U□

Area Walk-By Checklist (AWC)

Location: Bldg. Reactor Floor El. 203 Room, Area¹ SBGT Filter Train Room







lighting)?

	Sheet 1 of	5
.	*******	٠,

Area	Walk-By	Checklist	(AWC)				Status:	Y⊠ N□ U
Locati	on: Bldg.	YARD	Floor El	. <u>117</u>	Room, Area ¹	Unit 2 Div.	1 pit for item 2	P41-F315A
This cl	hecklist m below eac	h of the fol	to documer lowing ques	it the resul	ts of the Area Wa	the results	of judgments:	
•	Does and potential opening A missing also on to be potential also and to be potential to be a second also also also also also also also also	chorage of e ly adverse s cabinets)? g screw wa he Chemele	quipment in eismic cond s observed ex box supp erse seismi	n the area ditions (if on the from ort to the ic condition	appear to be free ovisible without ne nt cover of the splayed. SWEs judged ns. However, CR5	of cessarily itter box and d these not	Y⊠ N□	U N/A
2.	degraded Widespre not to be	l conditions ead corrosio	? on was also y adverse s	observed	appear to be free of in this pit. SWEs ndition. However,	judged this		U N/A
3.	raceways seismic o	and HVAC	C ducting ap	opear to be on of supp	or, do the cable/co c free of potentiall ports is adequate a de acceptable limi	y adverse ind fill	Y⊠ N□	U□ N/A□
4.					ntially adverse sei rea (e.g., ceiling t		ul Y⊠ N□	U N/A

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

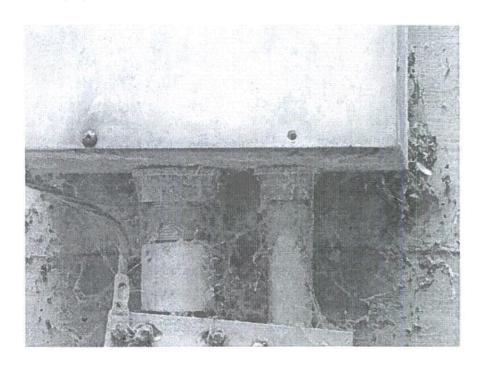
Area Walk-By Checklist (AWC	S) :		Status: Y N N U
Location: Bldg. YARD Floor	or El. <u>117</u>	Room, Area ¹ Unit 2 Div. 1	pit for item 2P41-F315A
5. Does it appear that the area interactions that could caus			Y⊠ N□ U□ N/A□
6. Does it appear that the area interactions that could caus			Y⊠ N□ U□ N/A□
equipment, and temporary is shielding)?	housekeeping installations (e. in the floor, but	practices, storage of portable	Ý⊠ N□ U□ N/A□
8. Have you looked for and fo adversely affect the safety if			Y⊠ N□ U□
			¢
Comments (Additional pages may be A broken tag was found on condition. However, CR	the floor. SWE	s judged this not to be a potent	ially adverse seismic
Evaluated by: Kursat Kinali	Known	Kindi	Date: <u>9/27/2012</u>
John Mcfarland	1		9/27/2012

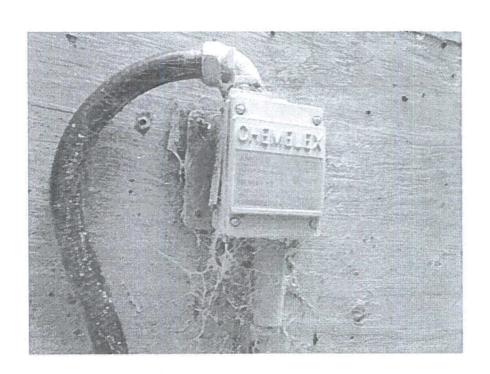
Status: Y⊠ N□ U□

Area Walk-By Checklist (AWC)

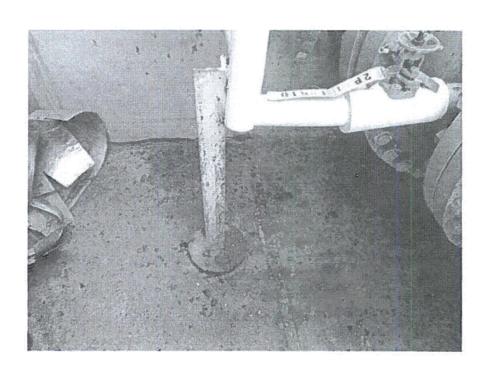
Location: Bldg. YARD Floor El. 117

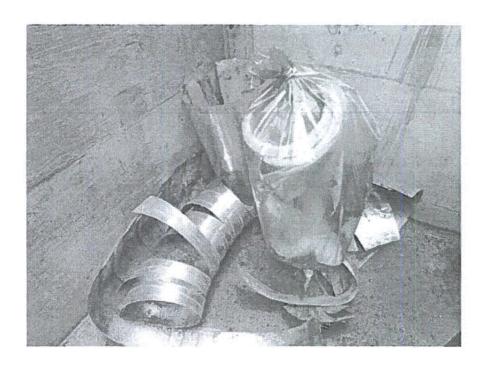
Room, Area¹ Unit 2 Div. 1 pit for item 2P41-F315A





Sheet 4 of 5





Sheet 5 of 5



Sheet 1 of 10

Area Walk-By Checklist (AWC)	Status: Y N U
Location: Bldg. <u>REACTOR</u> Floor El. <u>87</u> Room, Area ¹ <u>NE Diagonal</u>	
Instructions for Completing Checklist This checklist may be used to document the results of the Area Walk-By near on space below each of the following questions may be used to record the results of Additional space is provided at the end of this checklist for documenting other controls.	judgments and findings.
Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Y⊠ N□ U□ N/A□
2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Y⊠ N□ U□ N/A□
3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? There was a 1" diameter demineralized water pipe discovered that appeared to be missing a U-bolt (CR 523085). There is an angle with two holes drilled in it immediately adjacent to the pipe above the 2H21-P001 instrument rack that looks like it was intended as a pipe support. The pipe has additional supports on either side of the missing support and is light, so it is judged that the existing supports have adequate capacity to support the pipe. Therefore, there is no potentially adverse seismic condition. However, the missing support needs to be reinstalled.	Y⊠ N□ U□ N/A□
4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)? There is a temporary power cord strung along the building steel to the 2E11-C002A RHR Pump. The bulk of the power cord is tied into a loop near a steel beam, which is judged sufficient to prevent impact between the cable and any sensitive equipment on the other side of the beam. Therefore, there is no potentially adverse seismic interaction.	Y⊠ N□ U□ N/A□

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status: Y N U

Area Walk-By Checklist (AWC)	
Location: Bldg. <u>REACTOR</u> Floor El. <u>87</u> Room, Area ¹ <u>NE Diagonal</u>	
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? There was a 6' metal ladder left unrestrained behind the 2H21-P018 RHR Instrument Rack (CR 522935). The ladder was placed behind the diagonal support for the rack and a steel column, such that during a seismic event, the ladder would not be able to impact anything except support steel. The impact is judged by the SWEs to be credible but not significant. Therefore, there is no potentially adverse seismic condition. There are a few items (a plastic bag, a roll of caution tape and a small metal piece) left loose in the contaminated area around the 2E11-C002C RHR Pump. All of the items are small and light and located away from sensitive equipment, so are judged to not create a potentially adverse seismic condition.	Y⊠ N□ U□ N/A□
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?	Y⊠ N□ U□
Comments (Additional pages may be added as necessary) There was a 3' long bent steel support that was sitting on the floor next to rack (CR 523087). The support is small and light, and is not located near it is judged that there is no potentially adverse seismic condition. It was to the support belonged or whether it needed to be reinstalled.	r any sensitive equipment, so
Evaluated by: John McFarland	Date: 09/24/2012
Jeff Horton Jeff Horton	09/24/2012

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Status:	VIVI	NII	
Dialus.		47	

Area Walk-By Checklist (AWC)

Location: Bldg. REACTOR Floor El. 87 Room, Area¹ NE Diagonal

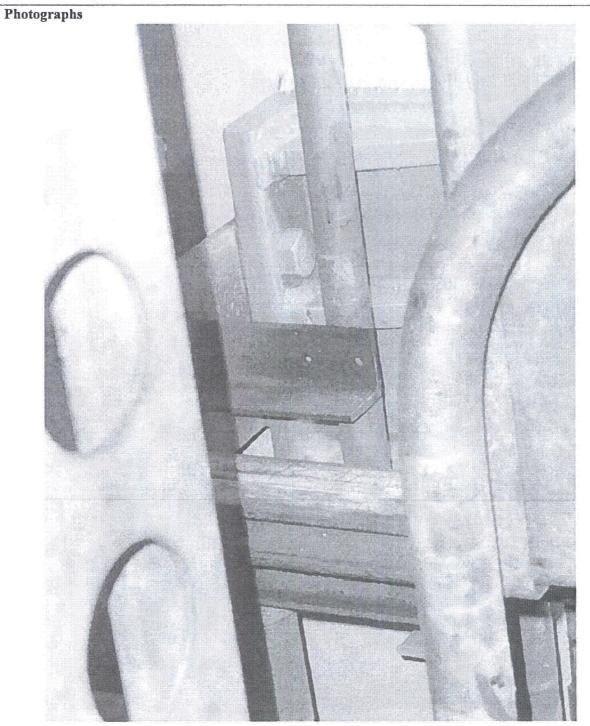


Figure 1 - Missing U-Bolt (Unit 2 87' NE Diagonal)

Sheet 4 of 10



Figure 2 - Temporary Power Cord (Unit 2 87' NE Diagonal)

Sheet 5 of 10

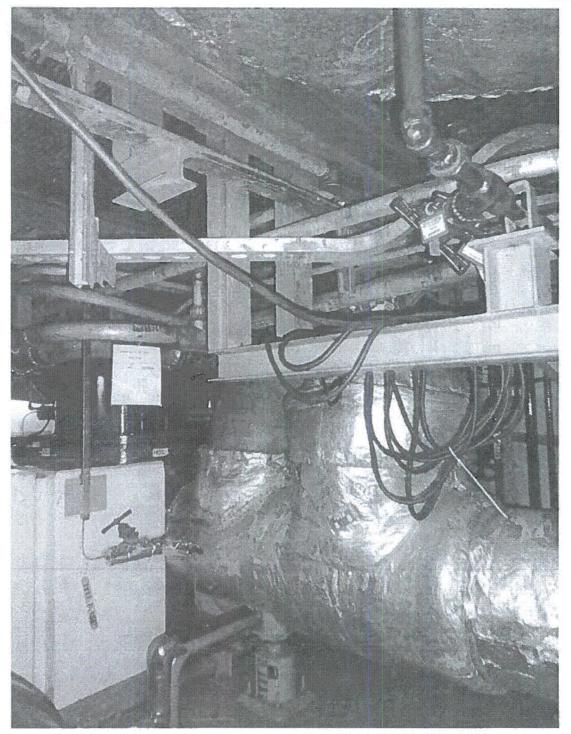


Figure 3 - Temporary Power Cord (Unit 2 87' NE Diagonal)



Figure 4 - Unrestrained Metal Ladder (Unit 2 87' NE Diagonal)

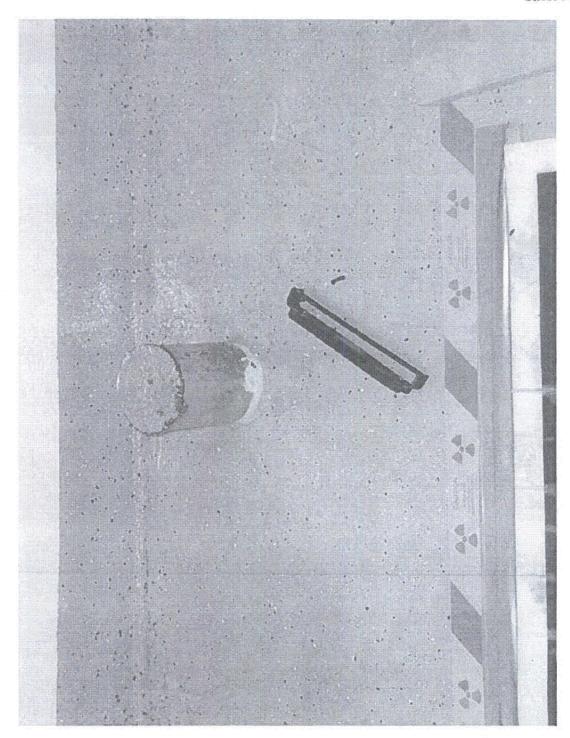


Figure 5 - Loose Items in Contaminated Area (Unit 2 87' NE Diagonal)

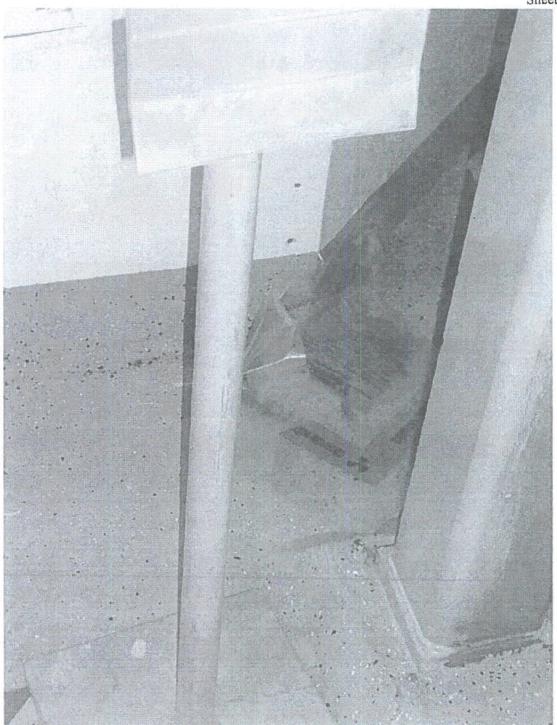


Figure 6 - Loose Items in Contaminated Area (Unit 2 87' NE Diagonal)



Figure 7 - Loose Items in Contaminated Area (Unit 2 87' NE Diagonal)



Figure 8 - Loose Bent Steel Support (Unit 2 87' NE Diagonal)

Sheet 1 of 5 Status: Y N U Area Walk-By Checklist (AWC) Location: Bldg. DIESEL Floor El. <u>150</u> Room, Area¹ ROOF (NORTH END) Instructions for Completing Checklist This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. 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. 1. Does anchorage of equipment in the area appear to be free of Y⊠ N□ U□ N/A□ potentially adverse seismic conditions (if visible without necessarily opening cabinets)? 2. Does anchorage of equipment in the area appear to be free of significant $Y \boxtimes N \square U \square N/A \square$ degraded conditions? Concrete bearing pad of storage tank located 2nd from the north end of the roof exhibits spalled corners (see photograph 1). This is typical on all four ends of the pads. Grout pads are not structural. The bearing plate is well supported and the bolts fully extend into the concrete below the grout. The grout is not considered in the bolt capacity. Therefore, the concrete pads are judged to be seismically adequate. 3. Based on a visual inspection from the floor, do the cable/conduit Y⊠ N□ U□ N/A□ raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? 4. Does it appear that the area is free of potentially adverse seismic spatial Y⊠ N□ U□ N/A□ interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status:	$Y \boxtimes$	N	U
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Area	Walk-	By Ch	ecklist ((AWC)

Location: Bldg. DIESEL I	Floor El. <u>150</u>	Room, Area ¹ ROOF (NOR	TH END)
5. Does it appear that the a interactions that could co			Y⊠ N□ U□ N/A□
6. Does it appear that the a interactions that could co			Y⊠ N□ U□ N/A□
7. Does it appear that the a interactions associated vequipment, and tempora shielding)?	vith housekeeping pra	ctices, storage of portable	Y⊠ N□ U□ N/A□.
8. Have you looked for and adversely affect the safe There is a U bolt support and 3) which is not securissing and another is not the angle support and moving off the support language and enough for the bold seismically adequate. Or missing/unsecured nuts.	ty functions of the eq t for a fire protection p rely fastened to the a pot tightened. The pip of the U bolt in place to aterally. Vertical seiso t to be lifted out of pla CR 523486 has been	uipment in the area? Dipe (see photographs 2 ingle support. A nut is the is supported vertically to prevent the pipe from the inc accelerations are not the ince. It is judged to be	Y⊠ N□ U□
Comments (Additional pages ma	y be added as necessary	,	
Evaluated by: <u>Juan Vizcaya</u>	Jun)	Date: 09/24/2012
Patrick Kelly	Path It	D	09/24/2012

Status: Y⊠ N□ U□

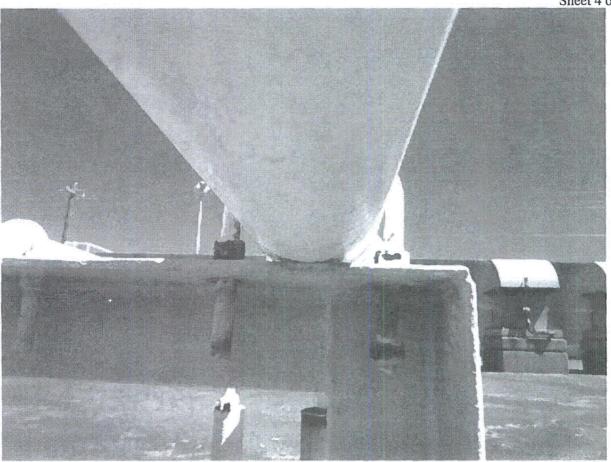
Area Walk-By Checklist (AWC)

Location: Bldg. DIESEL Floor El. 150 Room, Area ROOF (NORTH END)



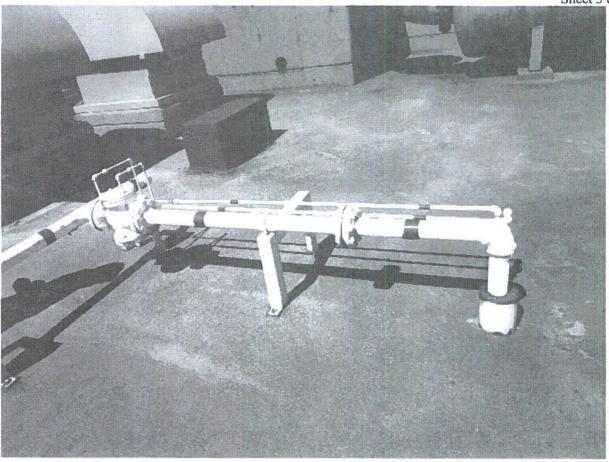
1: Spalled Concrete Bearing Pad for Storage Tank (Diesel Building Roof – North End)

Sheet 4 of 5



2: U Bolt Not Securely Fastened to Angle Support (Diesel Building Roof - North End)

Sheet 5 of 5



3: Pipe Elevation With U Bolt Support Deficiency (Diesel Building Roof - North End)

Sheet 1 of 3

Status: YN NU U Area Walk-By Checklist (AWC) Location: Bldg. Reactor Floor El. <u>185</u> Room, Area¹ 2R303 **Instructions for Completing Checklist** This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. 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. 1. Does anchorage of equipment in the area appear to be free of YN UN N/A potentially adverse seismic conditions (if visible without necessarily opening cabinets)? 2. Does anchorage of equipment in the area appear to be free of significant Y⊠ N□ U□ N/A□ degraded conditions? 3. Based on a visual inspection from the floor, do the cable/conduit Y⊠ N□ U□ N/A□ raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? 4. Does it appear that the area is free of potentially adverse seismic spatial Y⊠ N□ U□ N/A□ interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)	Status: Y N U
Location: Bldg. Reactor Floor El. 185 Room, Area 2R303	and the second
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?	Y⊠ N□ U□ N/A□ e
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?	Y⊠ N□ U□
Comments (Additional pages may be added as necessary) None.	
Evaluated by: Kursat Kinali Wasley Williams 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date: 9/11/2012
Wesley Williams Availant fold Marin	9/11/2012

Area Walk-By Checklist (AWC)	Status: Y N U
Location: Bldg. Reactor Floor El. 185 Room, Area 2R303	
Photographs	
None	

Sheet 1 of 5 Status: Y N U Area Walk-By Checklist (AWC) Room, Area¹ Near Equipment Hatch (R6 to R13) Location: Bldg. REACTOR. Floor El. 158 **Instructions for Completing Checklist** This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. 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. 1. Does anchorage of equipment in the area appear to be free of YN UN WAN potentially adverse seismic conditions (if visible without necessarily opening cabinets)? 2. Does anchorage of equipment in the area appear to be free of significant YN NU UN N/AU degraded conditions? 3. Based on a visual inspection from the floor, do the cable/conduit Y⊠ N□ U□ N/A□ raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? 4. Does it appear that the area is free of potentially adverse seismic spatial Y⊠ N□ U□ N/A□ interactions with other equipment in the area (e.g., ceiling tiles and lighting)?

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area V	Valk-By Checklist (AWC)	Status; Y N	U[
Locatio	on: Bldg. REACTOR Floor El. 158 Room	om, Area ¹ Near Equipment Hatch (R6 to R13)	······································
	Does it appear that the area is free of potentially ac interactions that could cause flooding or spray in the		
	Does it appear that the area is free of potentially ac interactions that could cause a fire in the area?	dverse seismic Y⊠ N□ U□ N/A□	
	Does it appear that the area is free of potentially ac interactions associated with housekeeping practice equipment, and temporary installations (e.g., scaffe shielding)?	es, storage of portable folding, lead	
1 1 1	There are two brass nozzles sitting loose on top of Location 2P33-P066 and two brass nozzles sitting panel 2H21-P405B, which is a high potential to ca (CR 515750). The nozzles are small and relatively unlikely to cause any structural damage during a s However, due to their location on the support for a panel, there is a concern that the nozzles could pot plant transient.	on the frame for ause a plant transient y light, so they are seismic event. a high trip hazard	
8.	Have you looked for and found no other seismic of adversely affect the safety functions of the equipm		nakina di Perenta ayi Mg
Comm	ents (Additional pages may be added as necessary)		,

NO. SNCH082-RPT-02, VERSION 1.0

Sheet 3 of 5

Area Walk-By Checklist (AWC)	Status: Y□ N⊠ U□
Location: Bldg. REACTOR Floor El. 158 Room, A	rea ¹ Near Equipment Hatch (R6 to R13)
Evaluated by: John McFarland	Date: 09/11/2012
Jeff Horton Jeff Horton	09/11/2012

Sheet 4 of 5

Status: Y N U

Area Walk-By Checklist (AWC)

Location: Bldg. REACTOR Floor El. 158 Room, Area Near Equipment Hatch (R6 to R13)



Figure 1 – Loose Nozzles near Bottles (Near Equipment Hatch Unit 2)

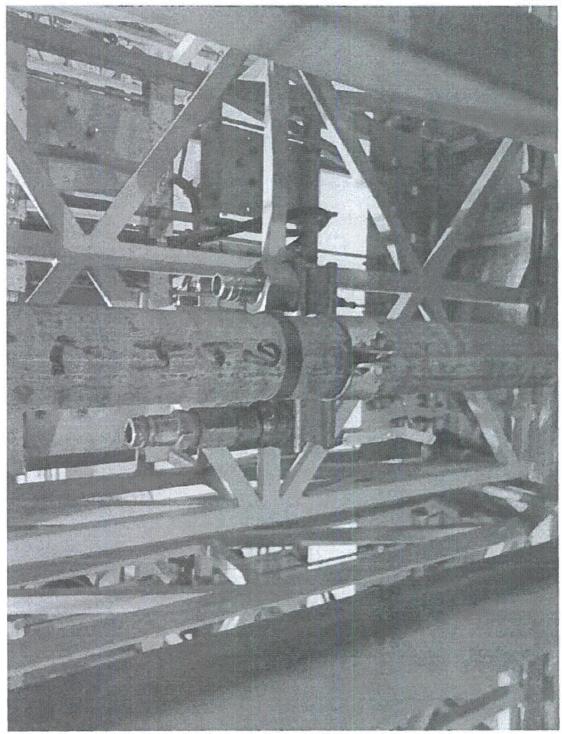


Figure 2 - Loose Nozzles behind Panel (Near Equipment Hatch Unit 2)

Sheet 1 of 3 Status: Y N U Area Walk-By Checklist (AWC) Location: Bldg. CONTROL Floor El. 130 Room, Area C140 **Instructions for Completing Checklist** This checklist may be used to document the results of the Area Walk-By near one or more SWEL items. 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. 1. Does anchorage of equipment in the area appear to be free of YN UN N/A potentially adverse seismic conditions (if visible without necessarily opening cabinets)? 2. Does anchorage of equipment in the area appear to be free of significant Y⊠ N□ U□ N/A□ degraded conditions? 3. Based on a visual inspection from the floor, do the cable/conduit YX NO UO N/AO raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? 4. Does it appear that the area is free of potentially adverse seismic spatial Y⊠ N□ U□ N/A□ interactions with other equipment in the area (e.g., ceiling tiles and lighting)? There is a 2" dia. conduit nearly touching Electrical box 2Z43-H576D (approximately a 1/16" gap). The conduit and box are both well

supported and fairly rugged, so the impact is not considered to be significant. Therefore, it is judged to be seismically adequate.

¹ If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Area Walk-By Checklist (AWC)	Status: Y N U
Location: Bldg. CONTROL Floor El. 130	Room, Area ⁱ C140
5. Does it appear that the area is free of potential interactions that could cause flooding or spray	
6. Does it appear that the area is free of potential interactions that could cause a fire in the area?	
7. Does it appear that the area is free of potential interactions associated with housekeeping pracequipment, and temporary installations (e.g., s shielding)?	ctices, storage of portable
8. Have you looked for and found no other seism adversely affect the safety functions of the equ	
Comments (Additional pages may be added as necessary) None)
Evaluated by: John McFarland	Date: <u>09/06/2012</u>
Jeff Horton Lift Horton	09/06/2012

		Professional Profe	
Status:	W T N	* T	TY 1
Vigitie'	VIX	NH I	1 11 1

Area Walk-By Checklist (AWC)

Location: Bldg. CONTROL Floor El. 130 Room, Area C140

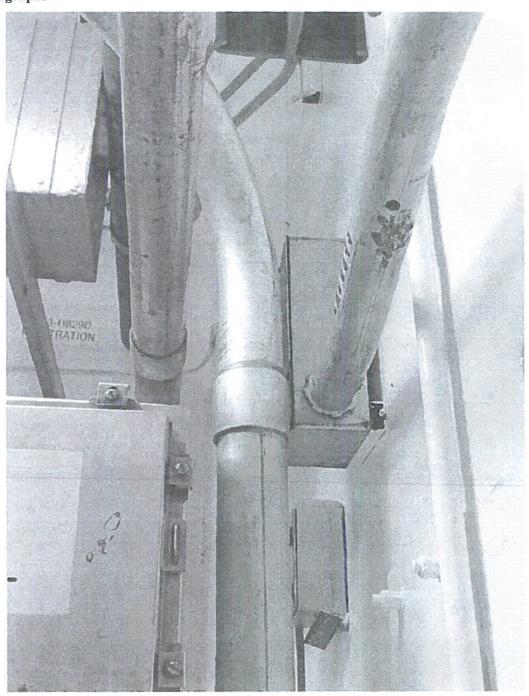


Figure 1 – Conduit and Electrical Box (Room C140)

		Sheet	1 of 5
Status:	$Y \boxtimes$	N	U

Area Walk-By Checklist (AWC)	
Location: Bldg. CONTROL Floor El. 112 Room, Area Unit 2 Station	n Battery 2A
Instructions for Completing Checklist This checklist may be used to document the results of the Area Walk-By near or space below each of the following questions may be used to record the results of Additional space is provided at the end of this checklist for documenting other complete.	judgments and findings.
1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Y⊠ N□ U□ N/A□
2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? There are three cover plate screws out of six screws and one cover plate screw out of six screws, respectively, missing from two junction boxes near Penetration 2Z43-H1064C (CR 524309). Both of the junction boxes have sufficient remaining screws to secure the covers in place, so there is no potentially adverse seismic condition.	Y⊠ N□ U□ N/A□
3. Based on a visual inspection from the floor, do the cable/conduit raceways and HVAC ducting appear to be free of potentially adverse seismic conditions (e.g., condition of supports is adequate and fill conditions of cable trays appear to be inside acceptable limits)? There are holes drilled in several of the supports for the HVAC running above the ladders in the battery room. The holes were drilled for an earlier or alternate HVAC configuration and are not being used in the current configuration. There are no missing bolts, so there is no potentially adverse seismic condition.	Y⊠ N□ U□ N/A□
4. Does it appear that the area is free of potentially adverse seismic spatial interactions with other equipment in the area (e.g., ceiling tiles and lighting)?	YN NO UO N/AO

If the room in which the SWEL item is located is very large (e.g., Turbine Hall), the area selected should be described. This selected area should be based on judgment, e.g., on the order of about 35 feet from the SWEL item.

Status:	$Y \boxtimes$	N	U
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Area V	Valk-By	Checklist (AWC)
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	A A A
Location: Bldg. <u>CONTROL</u> Floor El. <u>112</u> Room, Area ¹ <u>Unit 2 Station</u>	n Battery 2A
5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Y⊠ N□ U□ N/A□
6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Y⊠ N□ U□ N/A□
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?	Y⊠ N□ U□ N/A□
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?	Y⊠ N□ U□
Comments (Additional pages may be added as necessary)	
None	
Evaluated by: John McFarland	Date: 09/25/2012
Jeff Horton Deff Horton	09/25/2012

Status: Y⊠ N□ U□

Area Walk-By Checklist (AWC)

Location: Bldg. CONTROL Floor El. 112 Room, Area Unit 2 Station Battery 2A

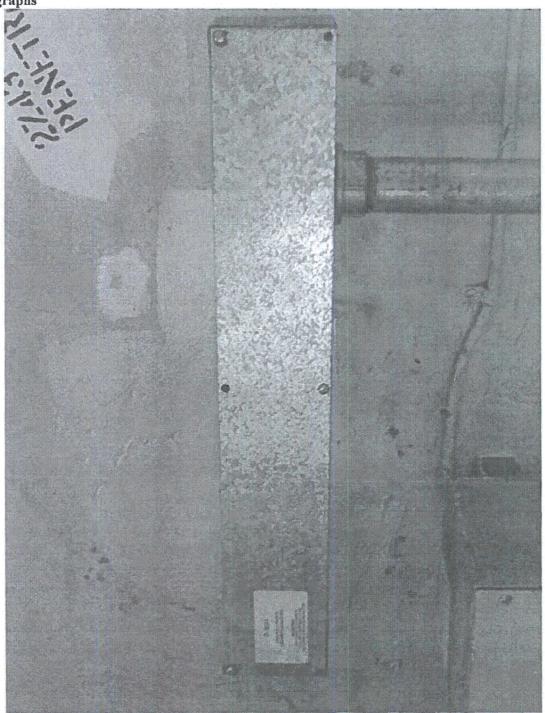


Figure 1 – Three Missing Cover Plate Screws (Unit 2 Station Battery Room 2A)

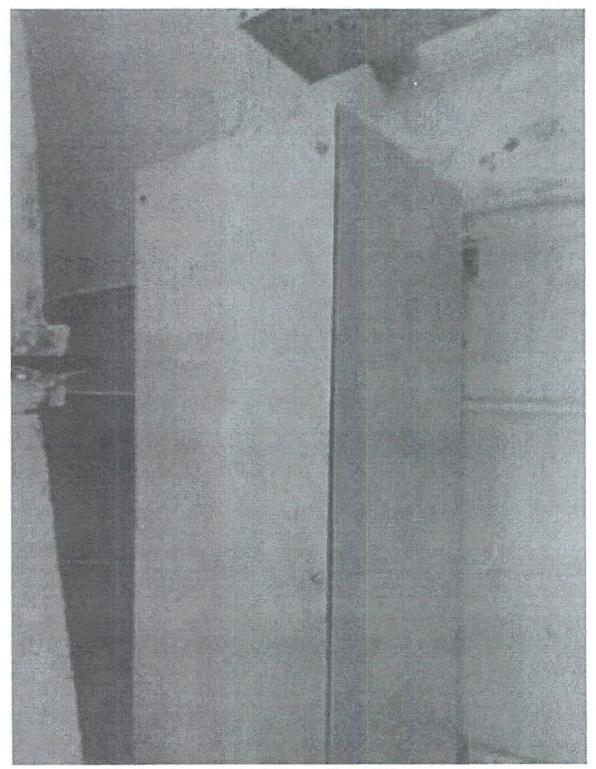


Figure 2 - One Missing Cover Plate Screws (Unit 2 Station Battery Room 2A)

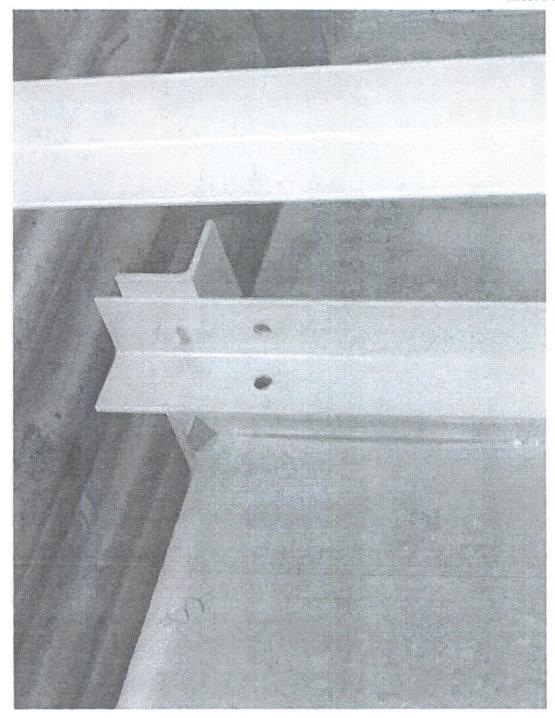


Figure 3 - Empty HVAC Bolt Hole (Unit 2 Station Battery Room 2A)