Area Walk-By Checklist (AWC)

Area 04 - CON2, EL. 612', Room 67 Location (Bldg, Elev, Room/Area): 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 potentially Yes adverse seismic conditions (if visible without necessarily opening cabinets)? Missing nut on tank 2-TK-256 - Later determined this was an abandoned anchor bolt and no nut is necessary. NRC Inspector identified loose JUNCTION boxes 2-NLI-151 and 2-NPS-153 - conduit supported - OK per SQUG 2-NLI-151. 2. Does anchorage of equipment in the area appear to be free of significant Yes degraded conditions? Based on a visual inspection from the floor, do the cable/conduit raceways and Yes 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 Yes interactions with other equipment in the area (e.g., ceiling tiles and lighting)? 5. Does it appear that the area is free of potentially adverse seismic interactions Yes that could cause flooding or spray in the area? 6. Does it appear that the area is free of potentially adverse seismic interactions Yes that could cause a fire in the area? 7. Does it appear that the area is free of potentially adverse seismic interactions Yes associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 04 - CON2, EL. 612', 8. Have you looked for and found no other seismic conditions that could Area 04 - CON2, EL. 612', Room 67

adversely affect the safety functions of the equipment in the area?

Yes

Comments

Missing bolt on angle iron support for junction box appears to have been installed that way (per design) .

Evaluated by:

George G Thomas

Date: 10/18/12

Neda Stoeva

10/18/12









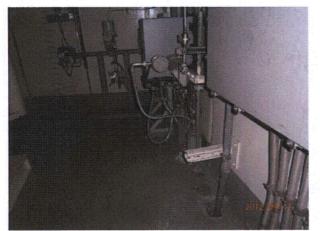
P9120224



Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): P9120225

Area 04 - CON2, EL. 612', Room 67 P9120226







P9120228





P9120230



Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 04 - CON2, EL. 612', Room 67 P9120232



Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 04 - CON2, EL. 612', Room 67 P9120238













Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 04 - CON2, EL. 612', Room 67 P9120244

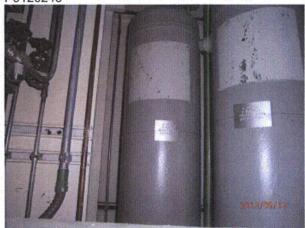






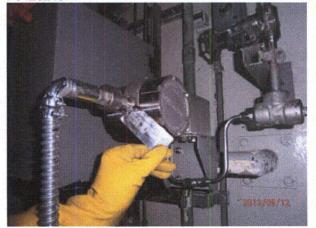
P9120246





P9120248





Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): P9120249

Area 04 - CON2, EL. 612', Room 67



P9120258

Status:	Y	Ν	U	

Area Walk-By Checklist (AWC)

		cation (Bldg, Elev, Room/Area):	Area 05 - CON2, EL. 598', Room 56	
		ctions for Completing Checklist		
sp	ace l	below each of the following question	ne results of the Area Walk-By near one or more SWEL ite ns may be used to record the results of judgments and fin- this checklist for documenting other comments.	
	1.		he area appear to be free of potentially ple without necessarily opening cabinets)?	Yes
	2.	Does anchorage of equipment in the degraded conditions?	he area appear to be free of significant	Yes
	3.	HVAC ducting appear to be free of	the floor, do the cable/conduit raceways and f potentially adverse seismic conditions (e.g., and fill conditions of cable trays appear to be	Yes
	4.		e of potentially adverse seismic spatial in the area (e.g., ceiling tiles and lighting)?	Yes
	5.	Does it appear that the area is free that could cause flooding or spray	e of potentially adverse seismic interactions in the area?	Yes
	6.	Does it appear that the area is free that could cause a fire in the area?	e of potentially adverse seismic interactions?	Yes
	7.	Does it appear that the area is free associated with housekeeping practemporary installations (e.g., scaffor	e of potentially adverse seismic interactions octices, storage of portable equipment, and folding, lead shielding)?	Yes

Area Walk-By Checklist (AWC)

Area 05 - CON2, EL. 598', Room 56 Location (Bldg, Elev, Room/Area):

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Yes

Comments

Missing bolt - lower left corner of junction box - appears to have been installed that way (per design). U-bolt attached to angle iron, not bolted/welded to anything, free to spin around - NRC Inspector - AR 2012-11433

Evaluated by:

George G Thomas

Date: 10/18/12

Neda Stoeva

10/18/12









P9120201



Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): P9120202

Area 05 - CON2, EL. 598', Room 56 P9120203















P9120207





Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 05 - CON2, EL. 598', Room 56 P9120179

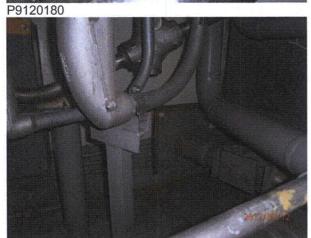
P9120178







P9120181









Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 05 - CON2, EL. 598', Room 56 P9120185

P9120184







P9120187









Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): P9120190

Area 05 - CON2, EL. 598', Room 56 P9120191



Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): P9120196

Area 05 - CON2, EL. 598', Room 56 P9120197





P9120198

P9120199

	<u> </u>	,		
Status:	Y	N	U	ı

Area Walk-By Checklist (AWC)

	Loc	cation (Bldg, Elev, Room/Area): Area 06 - CON2, EL. 612', Room 73	
Ins	struc	ctions for Completing Checklist	
spa	ace I	hecklist may be used to document the results of the Area Walk-By near one or more SWEL items. below each of the following questions may be used to record the results of judgments and finding onal 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 potentially adverse seismic conditions (if visible without necessarily opening cabinets)?	Yes
	2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Yes
	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)?	Yes
	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)?	Yes
	5.	Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Yes
	6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Yes
	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)? No temp/storage in area	Yes

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 06 - CON2, EL. 612', Room 73

8. Have you looked for and found no other seismic conditions that could

adversely affect the safety functions of the equipment in the area?

Yes

Comments

2-IRV-131 valve - boric acid, 2-SI-163-3 valve - boric acid

Evaluated by:

George G Thomas Date: 10/18/12

Neda Stoeva

10/18/12









P9120014



Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): P9120015

Area 06 - CON2, EL. 612', Room 73 P9120016



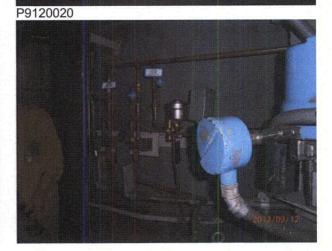


P9120017









Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): P9120021

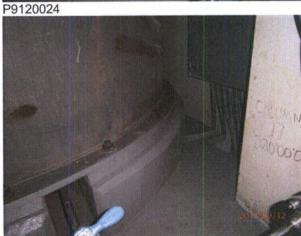
Area 06 - CON2, EL. 612', Room 73 P9120022





P9120023









Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 06 - CON2, EL. 612', Room 73 P9120028



Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 06 - CON2, EL. 612', Room 73 P9120034

P9120033









		ė.	
Status:	Y	Ν	U

Area Walk-By Checklist (AWC)

Area 07 - CON2, EL. 612', Room 70 Location (Bldg, Elev, Room/Area): 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 potentially Yes adverse seismic conditions (if visible without necessarily opening cabinets)? 2. Does anchorage of equipment in the area appear to be free of significant Yes degraded conditions? 3. Based on a visual inspection from the floor, do the cable/conduit raceways and Yes 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 Yes interactions with other equipment in the area (e.g., ceiling tiles and lighting)? 5. Does it appear that the area is free of potentially adverse seismic interactions Yes that could cause flooding or spray in the area? 6. Does it appear that the area is free of potentially adverse seismic interactions Yes that could cause a fire in the area? 7. Does it appear that the area is free of potentially adverse seismic interactions Yes associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 07 - CON2, EL. 612', Room 70

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Yes

Comments

Evaluated by:

George G Thomas

Date: 10/18/12

Neda Stoeva

10/18/12







P9120064

Area Walk-By Checklist (AWC)

P9120069

Area 07 - CON2, EL. 612', Room 70 Location (Bldg, Elev, Room/Area): P9120065 P9120066 P9120067 P9120068

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 07 - CON2, EL. 612', Room 70







P9120072



P9120073



P9120074



P9120075



P9120076

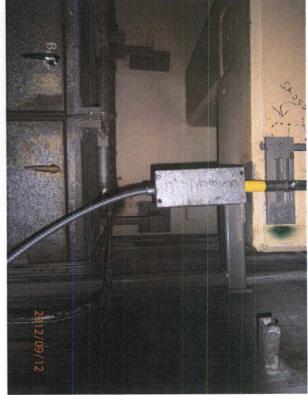
Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 07 - CON2, EL. 612', Room 70



P9120077







P9120079



P9120080

Area Walk-By Checklist (AWC)

Area 07 - CON2, EL. 612', Room 70 Location (Bldg, Elev, Room/Area): P9120081 P9120082 P9120084 P9120083 P9120085 P9120086

Area Walk-By Checklist (AWC)

P9120091

Area 07 - CON2, EL. 612', Room 70 Location (Bldg, Elev, Room/Area): P9120088 P9120087 012/09/12 P9120090 P9120089

Area Walk-By Checklist (AWC)

P9120097

Area 07 - CON2, EL. 612', Room 70 Location (Bldg, Elev, Room/Area): P9120094 P9120093 P9120096 P9120095

Area Walk-By Checklist (AWC)

P9120103

Area 07 - CON2, EL. 612', Room 70 Location (Bldg, Elev, Room/Area): P9120100 P9120099 P9120102 P9120101

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 07 - CON2, EL. 612', Room 70









P9120107

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 08 - AB2, EL. 609', Room 140

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.

 Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? Equipment anchorage is internal, could not see Not Applicable

2. Does anchorage of equipment in the area appear to be free of significant degraded conditions?

Not Applicable

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)?

Yes

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)?

Yes

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?

Fire protection piping - CO2 system. Rod hung.

Yes

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?

Yes

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)?

Hook with magnet on side of SG - will not be a seismic hazard due to strength of magnet.

Yes

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 08 - AB2, EL. 609', Room 140

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Yes

Comments

Evaluated by:

- George G Thomas

Date: 10/18/12

Neda Stoeva

10/18/12



P9120160



P9120172

SEI-CSS



P9120161



P9120173

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 08 - AB2, EL. 609', Room 140



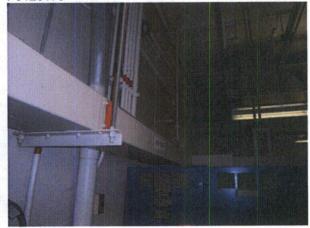




P9120175



P9120176



P9120177

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 08 - AB2, EL. 609', Room 140



P9120178



P9120179



P9120180



P9120181

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 08 - AB2, EL. 609', Room 140





P9120183

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 08 - AB2, EL. 609', Room 140





P9120185

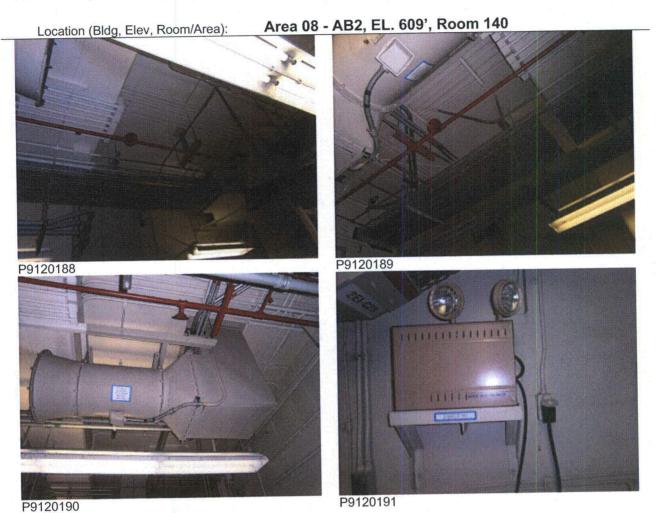






P9120187

Area Walk-By Checklist (AWC)



Area Walk-By Checklist (AWC)

Area 10 - AB2, EL. 621' & EL. 633', Room 10 - BY 2MRV-243 & 2-FFI-240

	Lo	cation (Bldg, Elev, Room/Area):	2MRV-243 & 2-FFI-240				
ln	struc	ctions for Completing Checklist		1			
Th	is ch ace	necklist may be used to document the rebelow each of the following questions in	results of the Area Walk-By near one or more SWEL items. The may be used to record the results of judgments and findings. s checklist for documenting other comments.	196- 196- 196-			
	1.		area appear to be free of potentially Y without necessarily opening cabinets)?	'es			
	2.	Does anchorage of equipment in the degraded conditions?	area appear to be free of significant Y	'es			
	3.	HVAC ducting appear to be free of po	e floor, do the cable/conduit raceways and Yotentially adverse seismic conditions (e.g., d fill conditions of cable trays appear to be	'es			
	4.	Does it appear that the area is free of potentially adverse seismic spatial Yes interactions with other equipment in the area (e.g., ceiling tiles and lighting)?					
	5.	Does it appear that the area is free of that could cause flooding or spray in		'es			
	6.	Does it appear that the area is free or that could cause a fire in the area?	f potentially adverse seismic interactions Y	'es			
*	7.		ces, storage of portable equipment, and	'es			

Area Walk-By Checklist (AWC)

Area 10 - AB2, EL. 621' & EL. 633', Room 10 - BY

Location (Bldg, Elev, Room/Area):

2MRV-243 & 2-FFI-240

Ladder OK laid flat underneath pipes away from equipment

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?

Yes

Comments

Evaluated by:

George G Thomas

Date: 10/18/12

Neda Stoeva

10/18/12



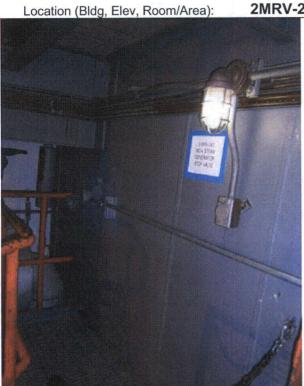
P9100228



P9100229

Area Walk-By Checklist (AWC)

Area 10 - AB2, EL. 621' & EL. 633', Room 10 - BY 2MRV-243 & 2-FFI-240





P9100231





P9100232 P9100233

Area Walk-By Checklist (AWC)

P9100234

Area 10 - AB2, EL. 621' & EL. 633', Room 10 - BY 2MRV-243 & 2-FFI-240











Area Walk-By Checklist (AWC)

Area 10 - AB2, EL. 621' & EL. 633', Room 10 - BY 2MRV-243 & 2-FFI-240

Location (Bldg, Elev, Room/Area):



P9100240

Area Walk-By Checklist (AWC)

Area 11 - AB2, EL. 612, Room 12 - BY 2-NPS-111 Location (Bldg, Elev, Room/Area): **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 potentially Yes adverse seismic conditions (if visible without necessarily opening cabinets)? 2. Does anchorage of equipment in the area appear to be free of significant Yes degraded conditions? 3. Based on a visual inspection from the floor, do the cable/conduit raceways and Yes 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 Yes interactions with other equipment in the area (e.g., ceiling tiles and lighting)? 5. Does it appear that the area is free of potentially adverse seismic interactions Yes that could cause flooding or spray in the area? 6. Does it appear that the area is free of potentially adverse seismic interactions Yes that could cause a fire in the area? 7. Does it appear that the area is free of potentially adverse seismic interactions Yes associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Ramp piece not tied to anything by 2-ECR-23 - pressurized gas bottles infront of ramp, but ramp leans up against the bottle supports as found. (Addressed through email for procedural non-conformance)

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 11 - AB2, EL. 612, Room 12 - BY 2-NPS-111

8. Have you looked for and found no other seismic conditions that could

adversely affect the safety functions of the equipment in the area?

Comments

Evaluated by:

How M. George G Thomas Date: 10/18/12

Neda Stoeva

10/18/12







P9100249



P9100250



P9100251

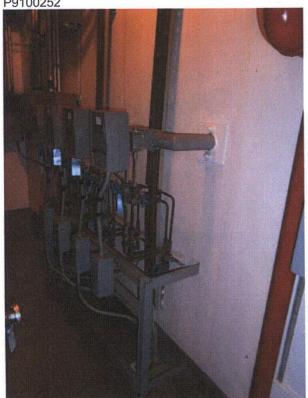
Area Walk-By Checklist (AWC)



P9100252



P9100253



P9100254

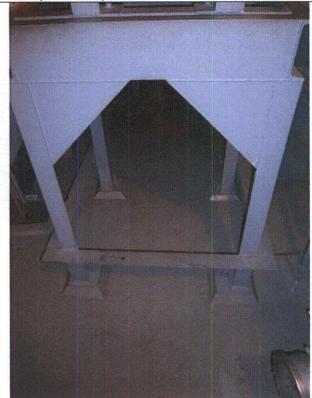


P9100255

Area Walk-By Checklist (AWC)



P9100256



P9100257

Area Walk-By Checklist (AWC)

Area 11 - AB2, EL. 612, Room 12 - BY 2-NPS-111 Location (Bldg, Elev, Room/Area):



P9100259

P9100258

Area Walk-By Checklist (AWC)



P9100260



P9100261

Area Walk-By Checklist (AWC)



P9100262

Status:	Υ	Ν	- 1	J

Area Walk-By Checklist (AWC)

	Loc	cation (Bldg, Elev, Room/Area): Area 13 - AB2, EL. 609', Room 4	
าร	truc	ctions for Completing Checklist	
pa	ace b	necklist may be used to document the results of the Area Walk-By near one or more SWEL items. The below each of the following questions may be used to record the results of judgments and findings. In all space is provided at the end of this checklist for documenting other comments.	he
	1.	Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? Braces for pipe support seem like missing 2 bottom bolts each, but have welds at bottoms instead	Yes
	2.	Does anchorage of equipment in the area appear to be free of significant degraded conditions?	Yes
	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)?	Yes
	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)?	Yes
	5.	Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?	Yes
	6.	Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?	Yes
	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)?	Yes

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 13 - AB2, EL. 609', Room 4

8. Have you looked for and found no other seismic conditions that could

adversely affect the safety functions of the equipment in the area?

Comments

Evaluated by:

Many M. Date: 10/18/12

Neda Stoeva

10/18/12







P9180994

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 13 - AB2, EL. 609', Room 4



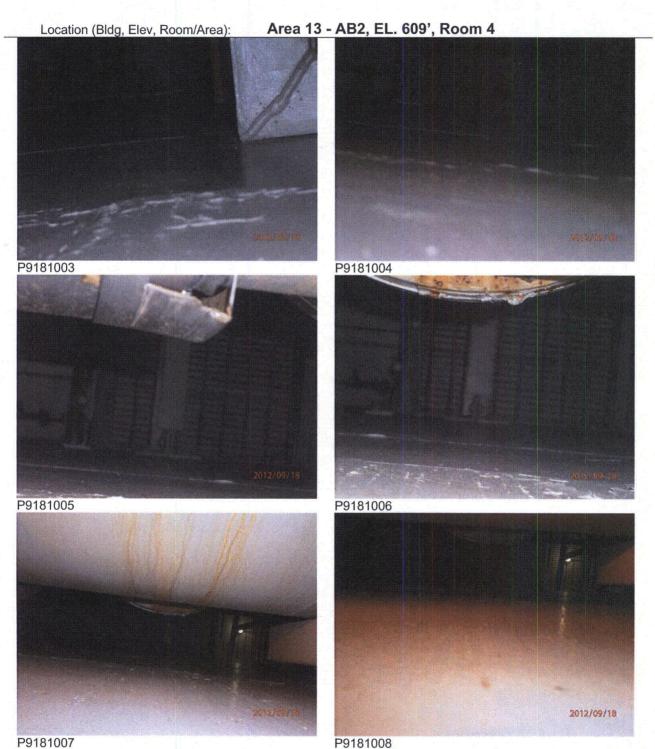
P9180995







Area Walk-By Checklist (AWC)



Area Walk-By Checklist (AWC)

Area 13 - AB2, EL. 609', Room 4 Location (Bldg, Elev, Room/Area):







P9181012

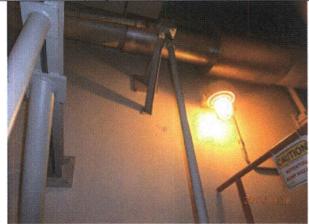


P9181013

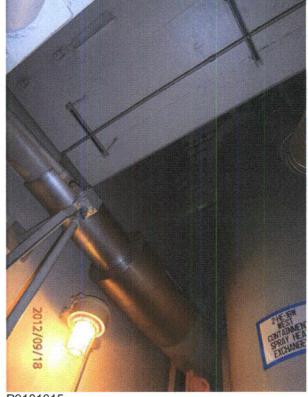
Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area):

Area 13 - AB2, EL. 609', Room 4



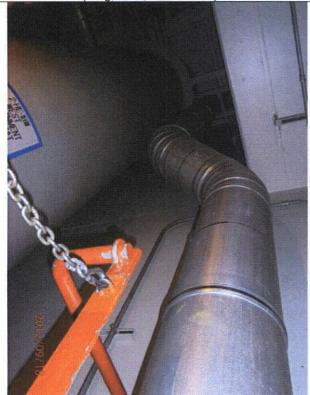
P9181014



P9181015

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): Area 13 - AB2, EL. 609', Room 4



P9181016