

Status:  Y  N  U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 40 - AB2, 633, 9**

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**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 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)? Yes
-

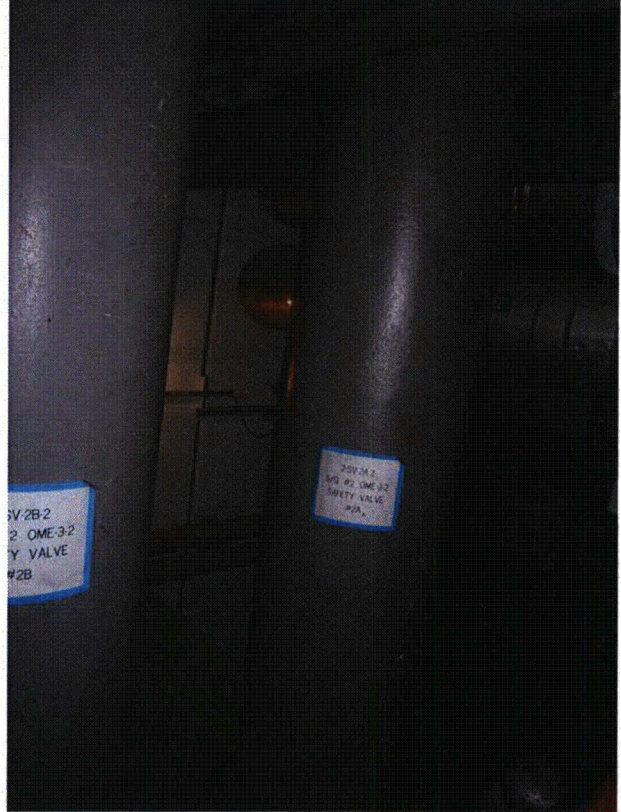


Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): **Area 40 - AB2, 633, 9**



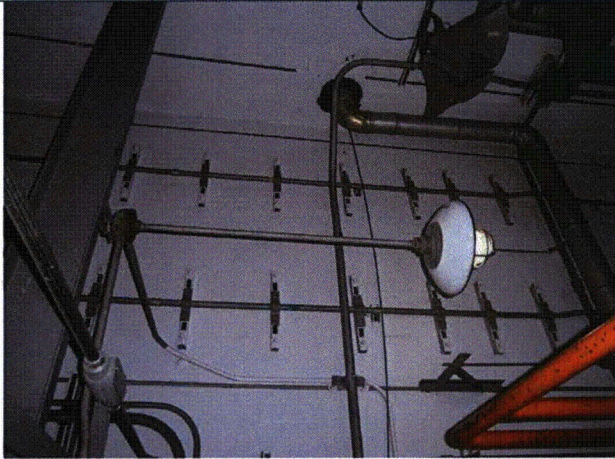
P9191293



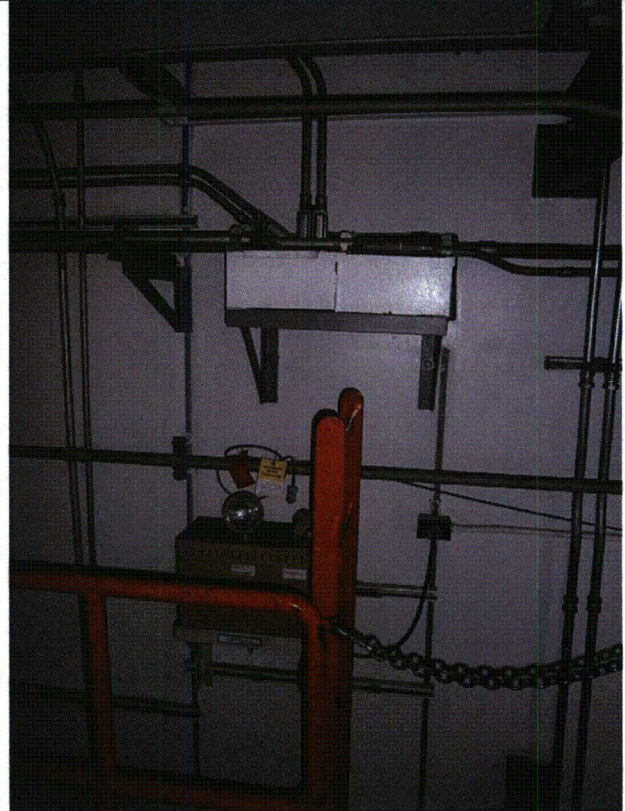
P9191294

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 40 - AB2, 633, 9**



P9191295



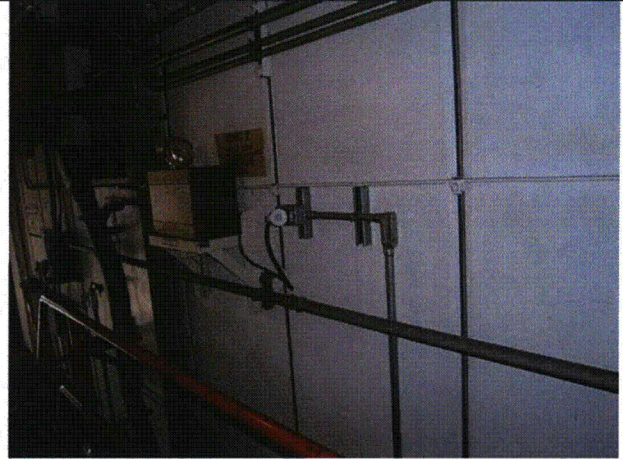
P9191296

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 40 - AB2, 633, 9**



P9191297



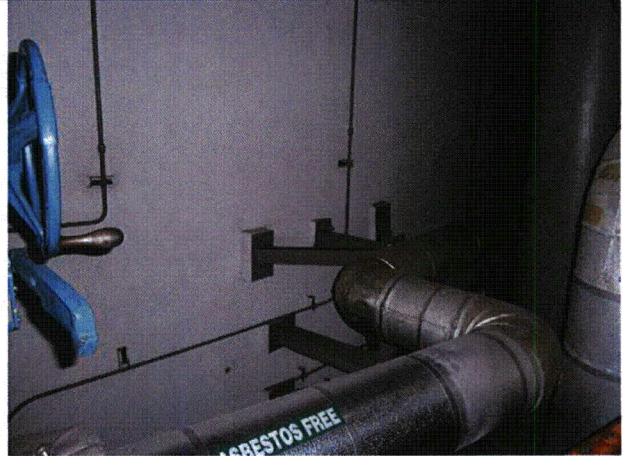
P9191298

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 40 - AB2, 633, 9**



P9191299



P9191300



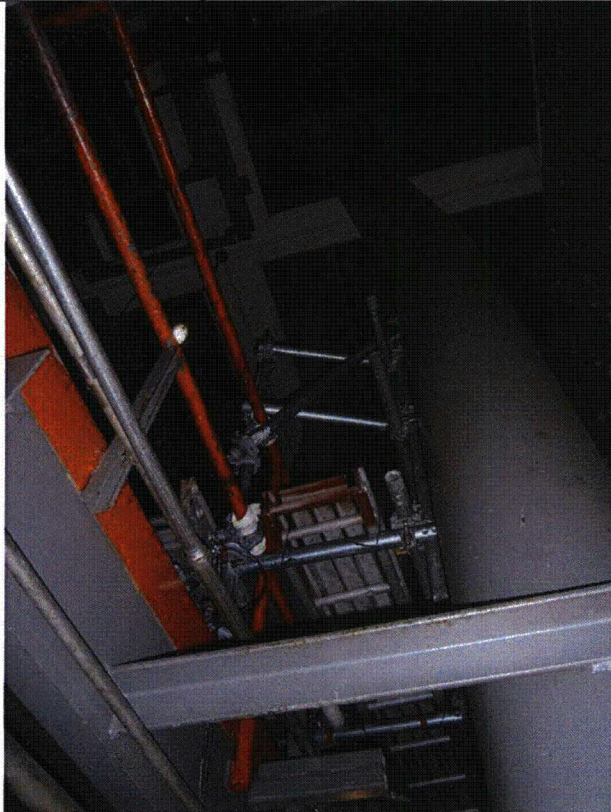
P9191301



P9191302

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 40 - AB2, 633, 9**



P9191303



P9191304

Status: Y  N  U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 41 - TB2, 591, 49**

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**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 adverse seismic conditions (if visible without necessarily opening cabinets)? Yes  
*Strainer 2-PW-245-2 Support - lack of thread engagement on 2 bolts on front saddle - has been evaluated by engineering (tag) and is OK by DOC# 01019028*
  2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? No  
*Support above valve 2-WMO-753 for control air tubing not well anchored, unistrut coming off the wall and does not have top bolt (does not look like it ever did) - AR 2012-11936 was issued.*
  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? No  
*Approximately 1.5" threaded fire protection pressurized pipe is rod hung and can leak and/or impact other supports in area and may break - AR 2012-11738*
  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
-



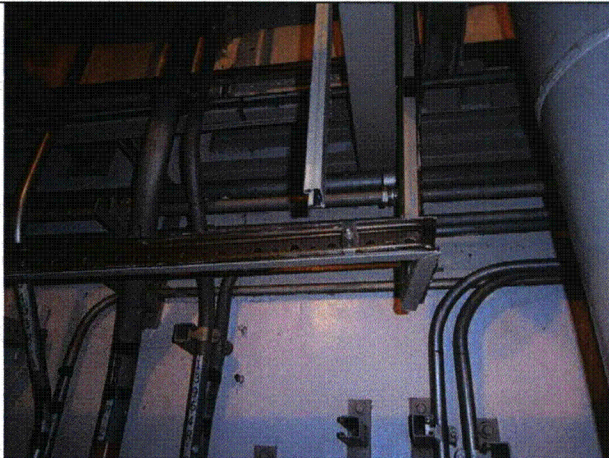
**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area 41 - TB2, 591, 49

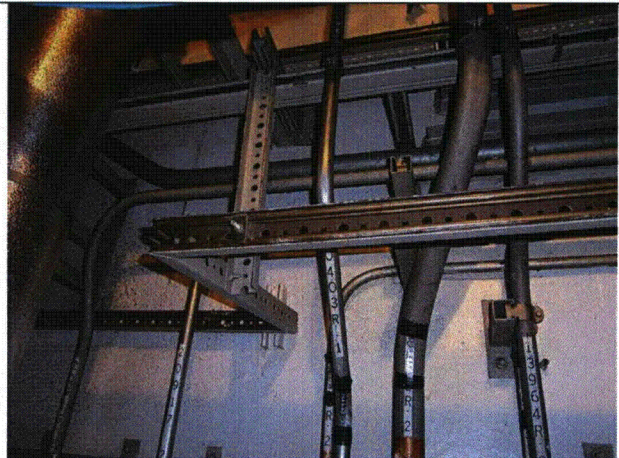
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Yes

Comments

Evaluated by: *George G Thomas* George G Thomas Date: 10/18/12  
*Neda Stoeva* Neda Stoeva 10/18/12



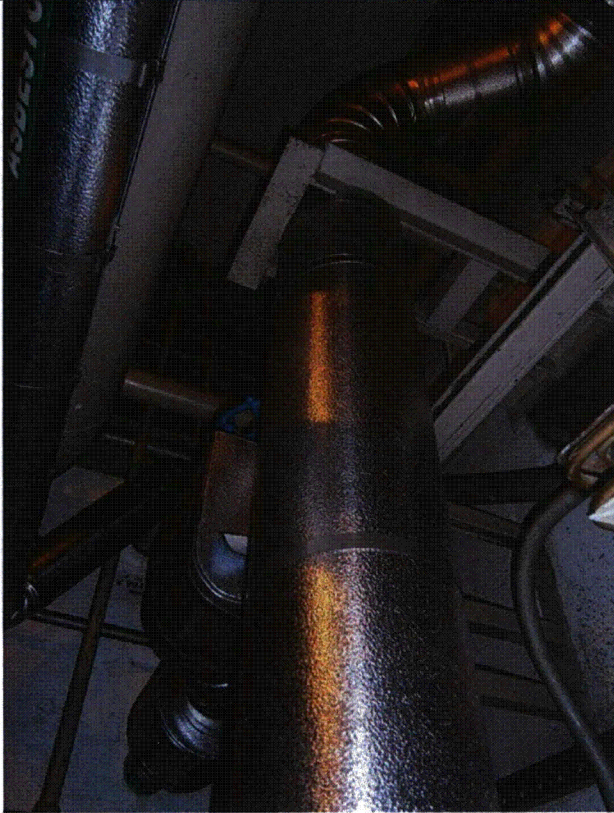
P9191326



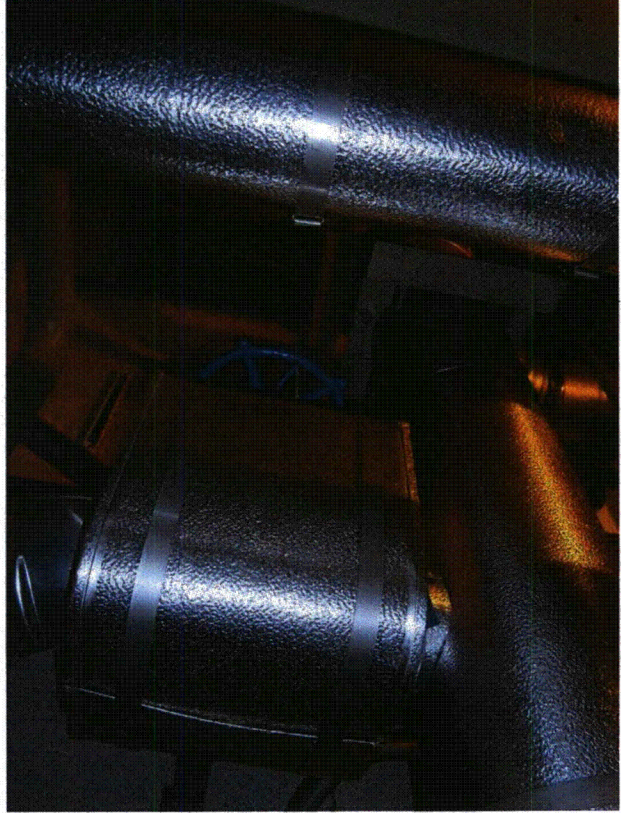
P9191327

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): **Area 41 - TB2, 591, 49**



P9191328



P9191329



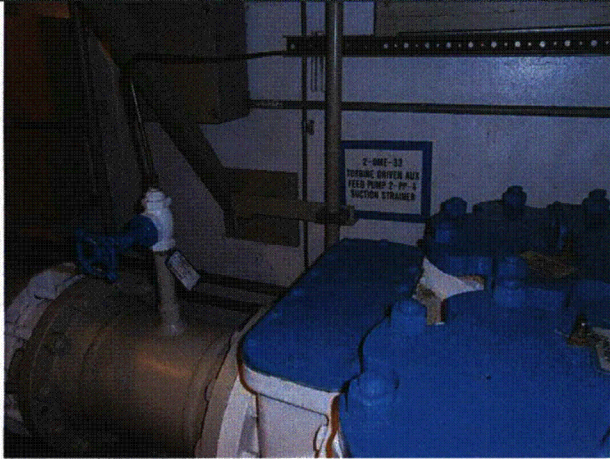
P9191330



P9191331

**Area Walk-By Checklist (AWC)**

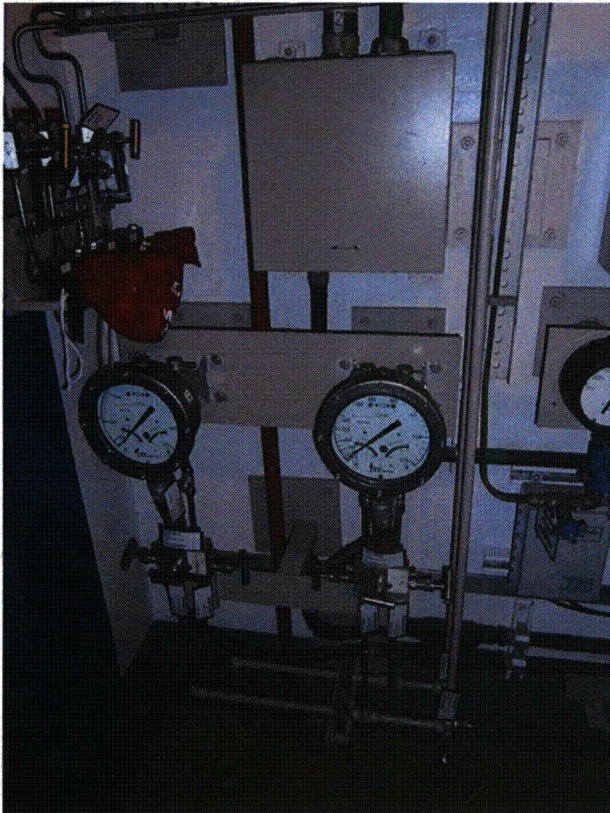
Location (Bldg, Elev, Room/Area): **Area 41 - TB2, 591, 49**



P9191332



P9191333



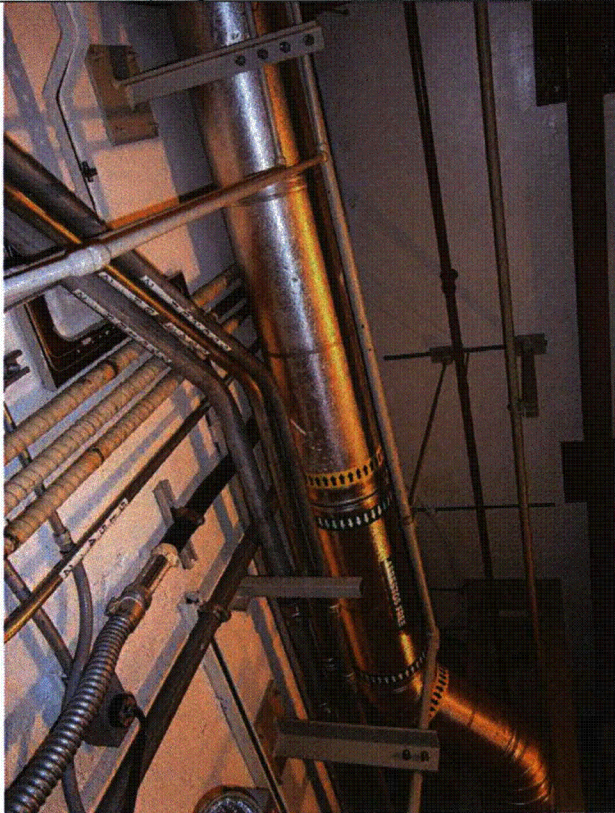
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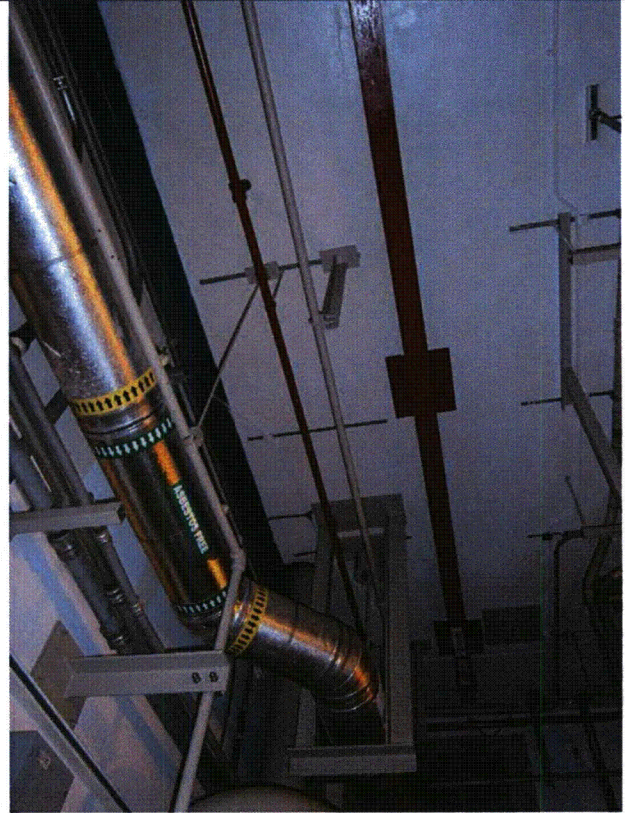
P9191335

Area Walk-By Checklist (AWC)

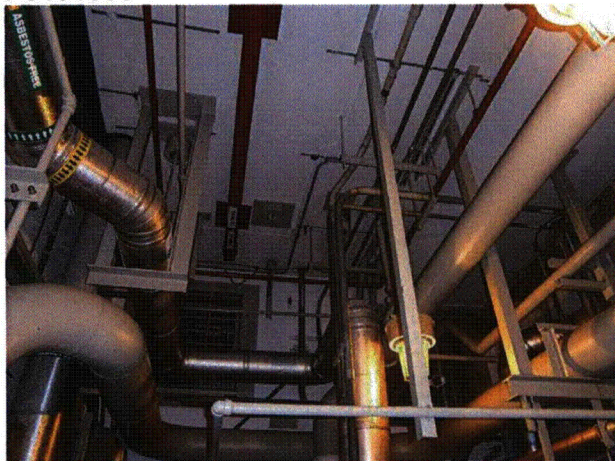
Location (Bldg, Elev, Room/Area): **Area 41 - TB2, 591, 49**



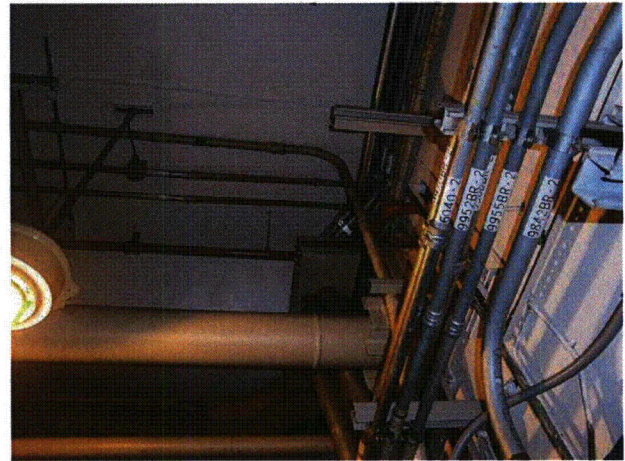
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P9191337



P9191338



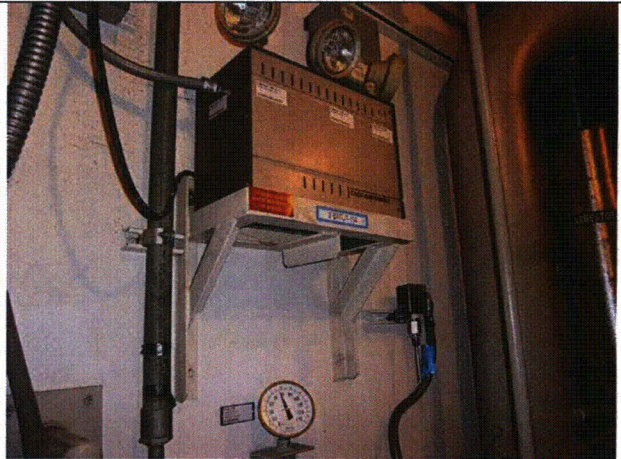
P9191339

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 41 - TB2, 591, 49**



P9191340



P9191341



P9191342

Status:  Y  N  U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 42 - TB2, 591, 51**

---

**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.

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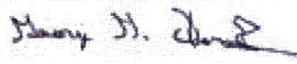
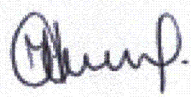
1. Does anchorage of equipment in the area appear to be free of potentially adverse seismic conditions (if visible without necessarily opening cabinets)? Yes
  
  2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Yes
  
  3. Based on a visual inspection 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)? Yes
-

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area 42 - TB2, 591, 51

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



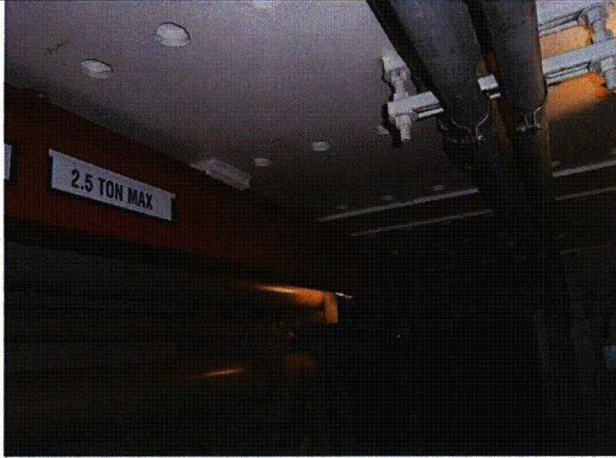
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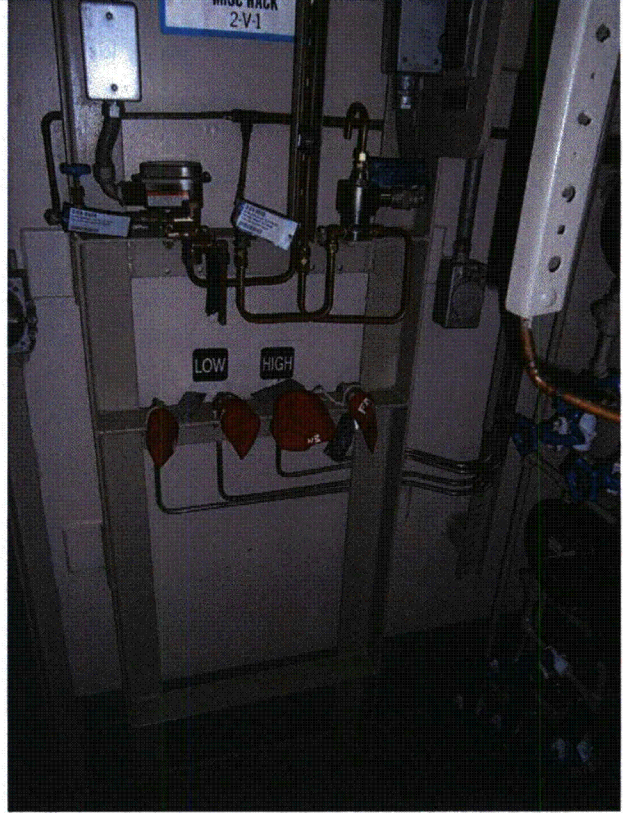
P9191358

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 42 - TB2, 591, 51**



P9191359



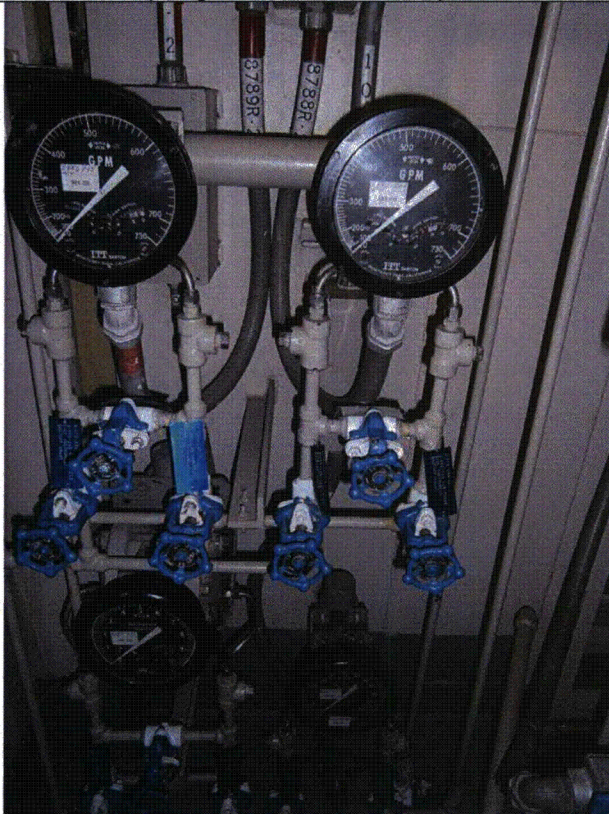
P9191360



**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area):

**Area 42 - TB2, 591, 51**



P9191361



P9191362



P9191363



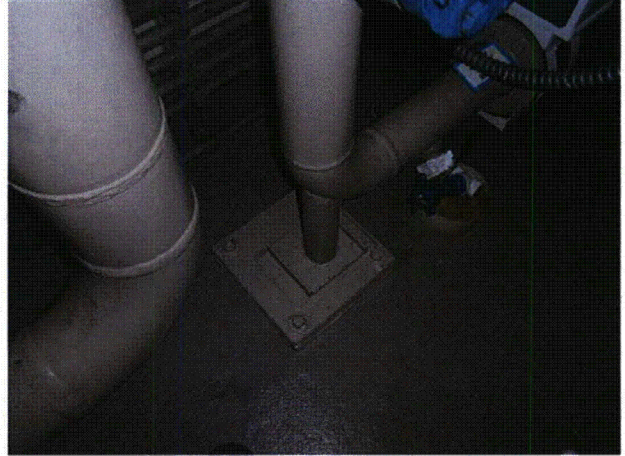
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**Area Walk-By Checklist (AWC)**

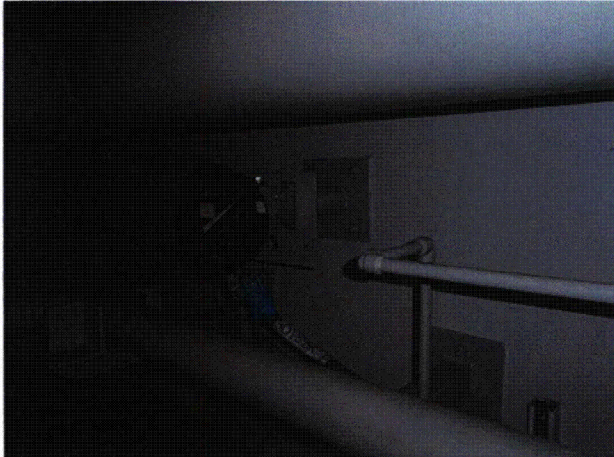
Location (Bldg, Elev, Room/Area): **Area 42 - TB2, 591, 51**



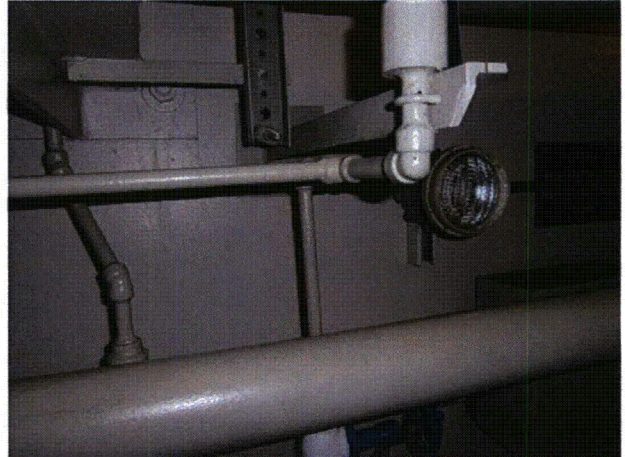
P9191365



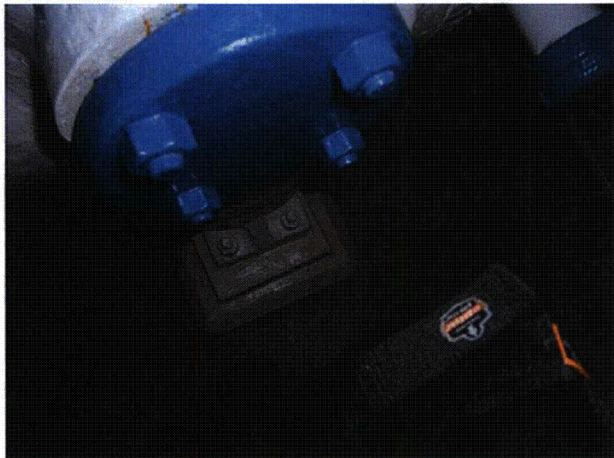
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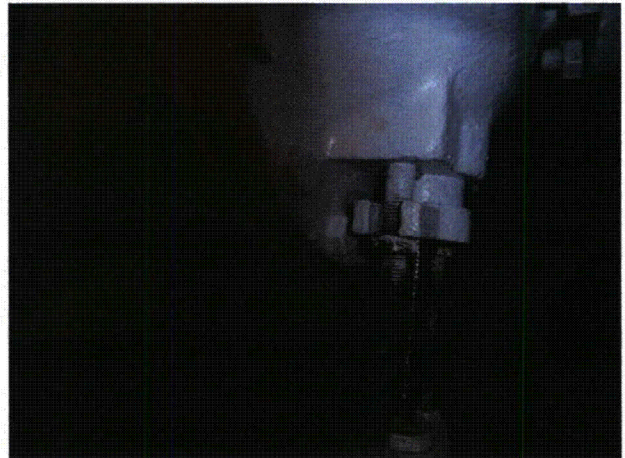
P9191367



P9191368



P9191369

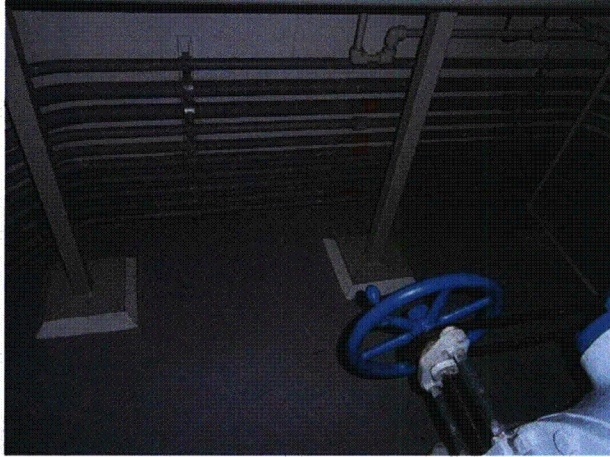


P9191370

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 42 - TB2, 591, 51**

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P9191371

Status: Y  N  U

### Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): **Area 43 - SH1, 591, 670**

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#### 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 adverse seismic conditions (if visible without necessarily opening cabinets)? Yes  
*OK for a non-safety area*
  
  2. Does anchorage of equipment in the area appear to be free of significant degraded conditions? Yes  
*Some minor rust on most components*
  
  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  
*OK for an area that is NOT safety related*
  
  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)? No  
*Not a safety related area - AR 2012-11762 and AR 2012-11767 were issued.*
  
  5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? No
  
  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
-

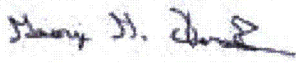
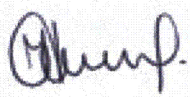
**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area 43 - SH1, 591, 670

*Not a safety related area - AR 2012-11762 and AR 2012-11767 were issued. Fire extinguishers on short hooks.*

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? No  
*Not a safety related area - AR 2012-11762 and AR 2012-11767 were issued.*

**Comments**

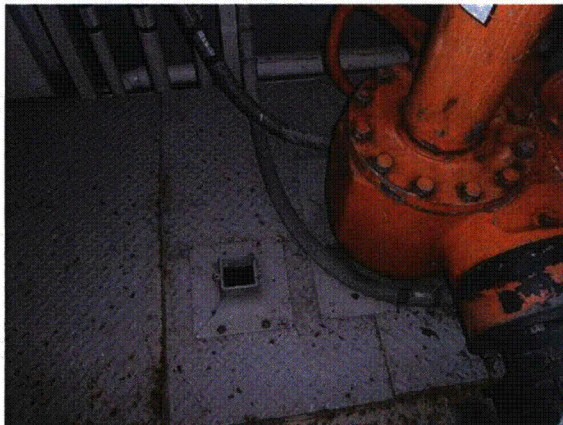
Evaluated by:  George G Thomas Date: 08/15/2013  
 Neda Stoeva 08/15/2013



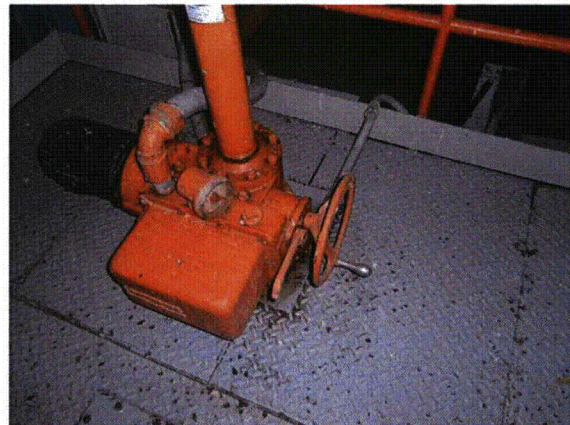
P9191391



P9191392



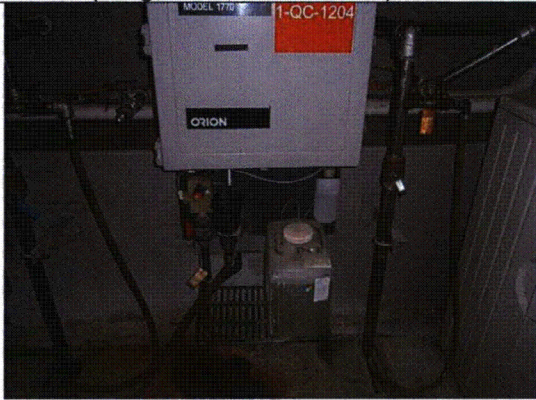
P9191393



P9191394

**Area Walk-By Checklist (AWC)**

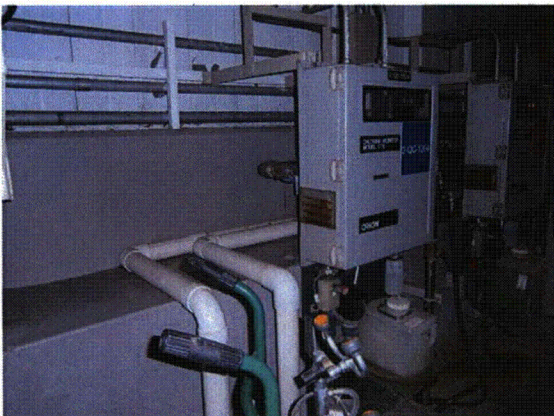
Location (Bldg, Elev, Room/Area): **Area 43 - SH1, 591, 670**



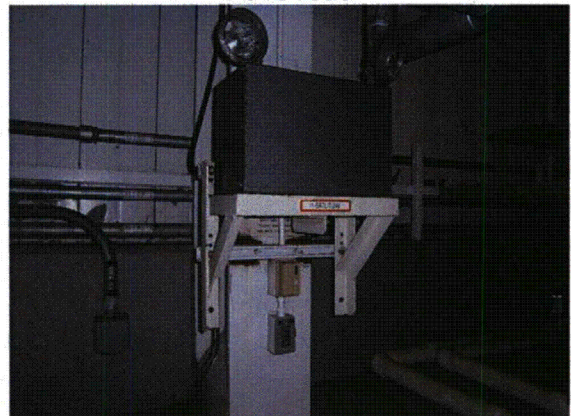
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P9191396



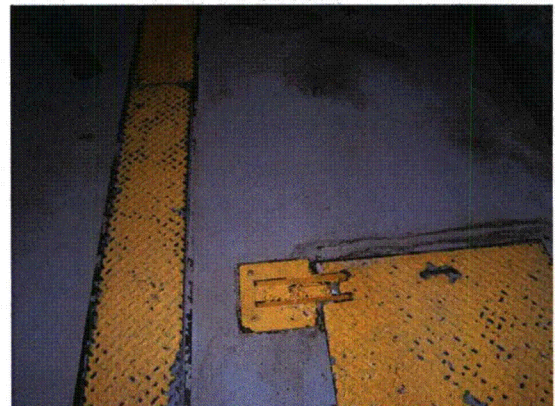
P9191397



P9191398



P9191399



P9191400

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area):

**Area 43 - SH1, 591, 670**



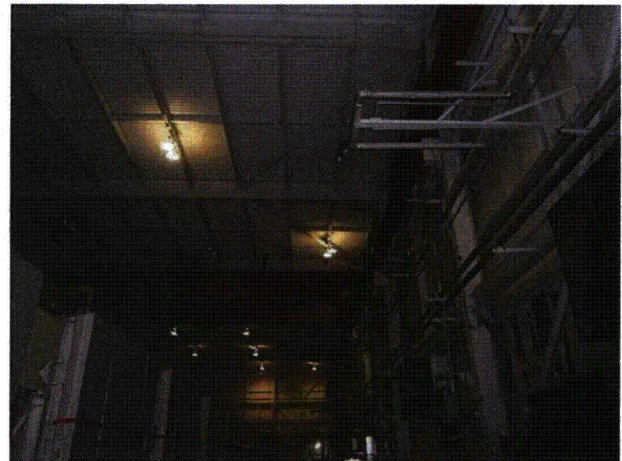
P9191401



P9191402



P9191403



P9191404

Status:  Y  N  U

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 44 - SH2, 591, 136**

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**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 adverse seismic conditions (if visible without necessarily opening cabinets)? Yes  
*Junction box U bolted (3places) to guard rail of platform*
  
  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
-



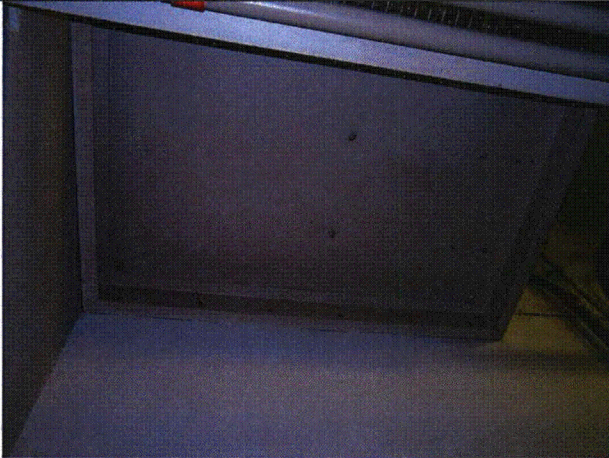
**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): Area 44 - SH2, 591, 136

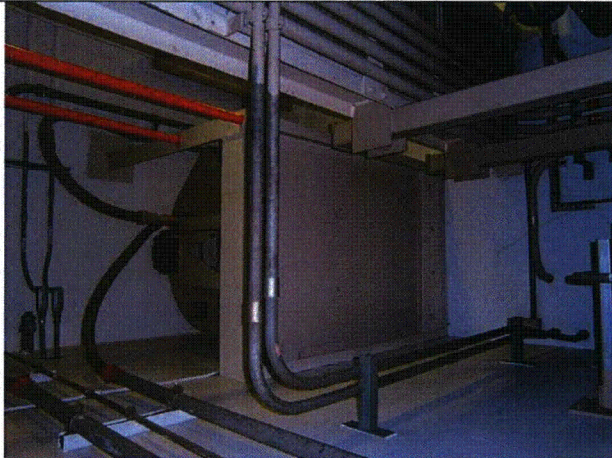
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Yes  
*Twisted angle on top of instrument rack seems to serve no purpose - OK*

**Comments**

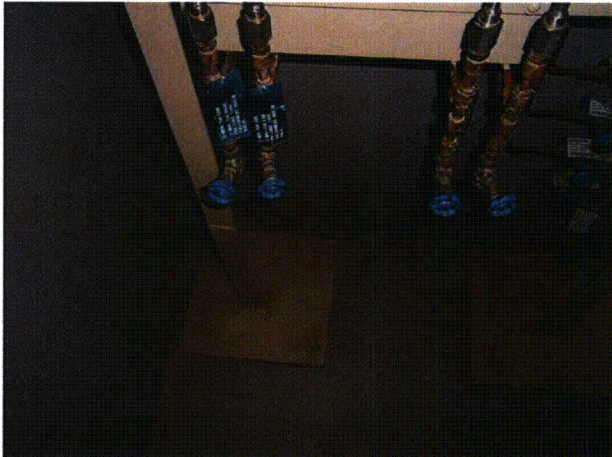
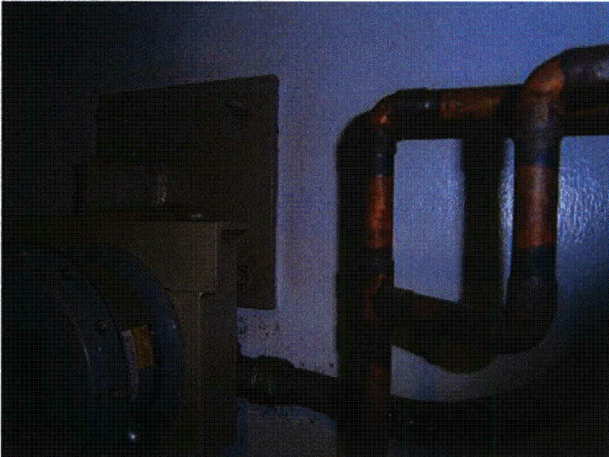
Evaluated by: *George G Thomas* George G Thomas Date: 10/18/12  
*Neda Stoeva* Neda Stoeva 10/18/12



P9090065



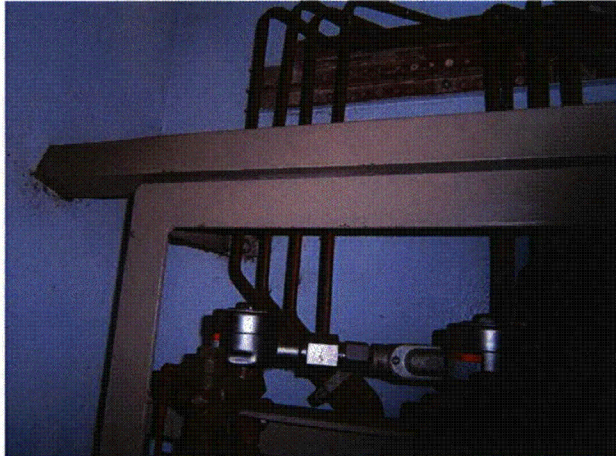
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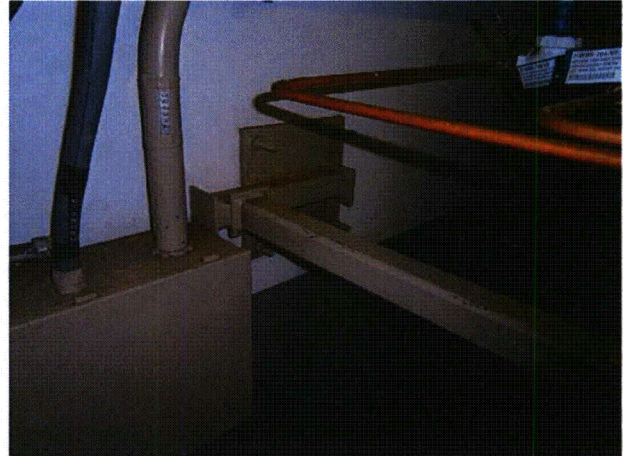
**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area):  
P9090067

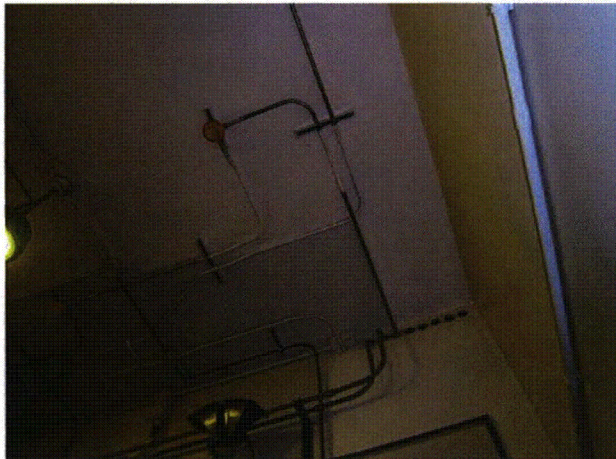
**Area 44 - SH2, 591, 136**  
P9090068



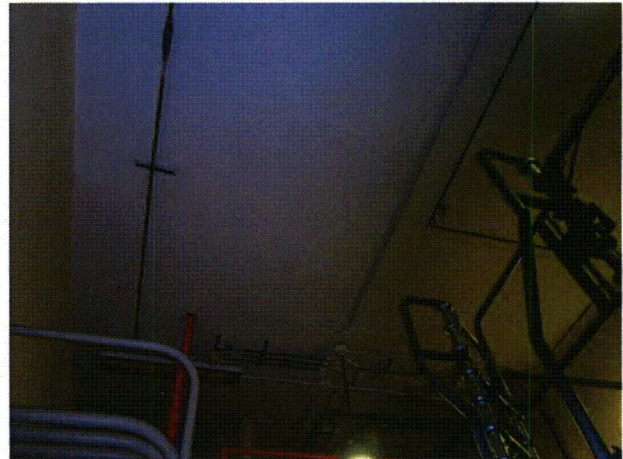
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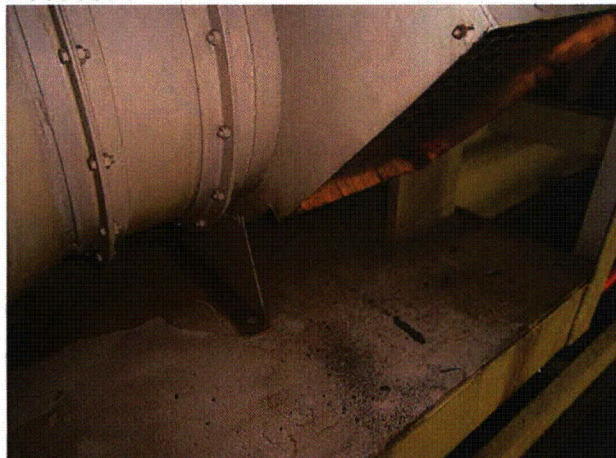
P9090070



P9090071



P9090072



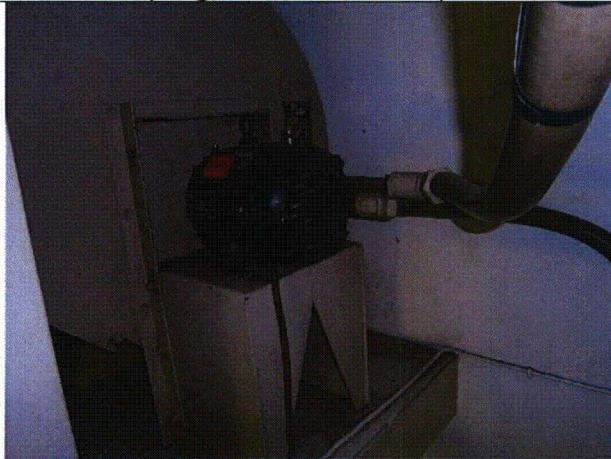
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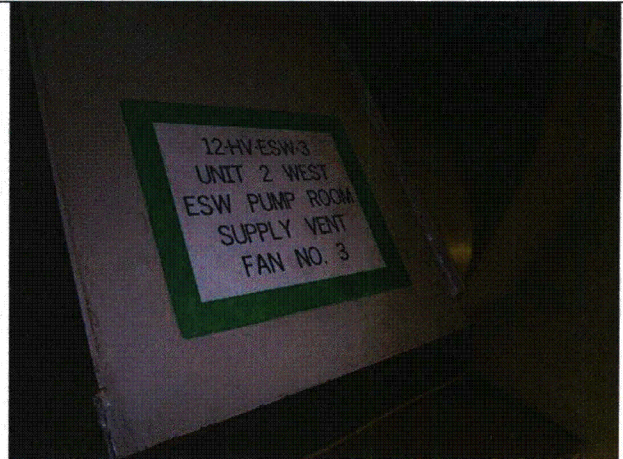
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Area Walk-By Checklist (AWC)

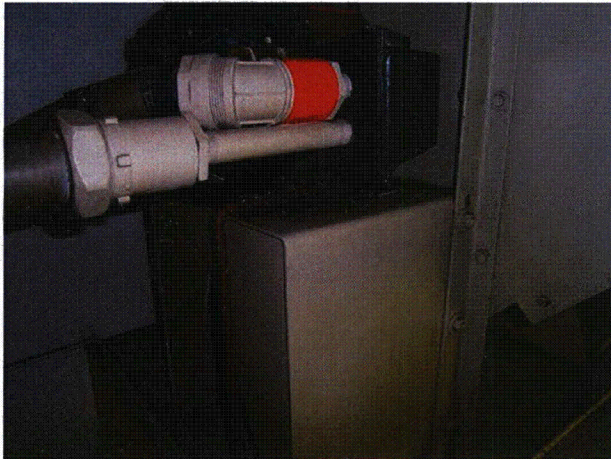
Location (Bldg, Elev, Room/Area): Area 44 - SH2, 591, 136



P9090075



P9090076



P9090077



P9090078



P9090079



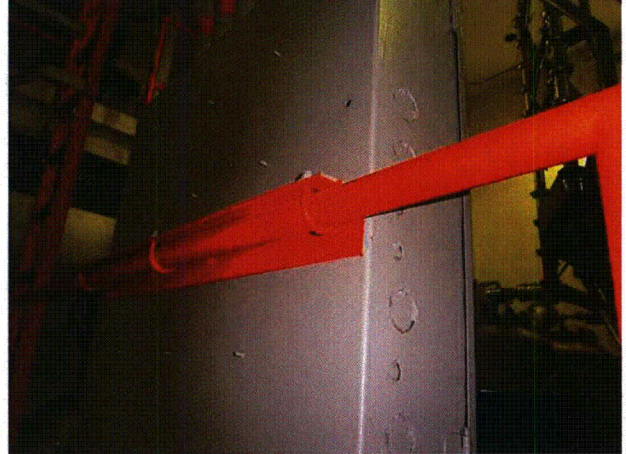
P9090080

**Area Walk-By Checklist (AWC)**

Location (Bldg, Elev, Room/Area): **Area 44 - SH2, 591, 136**



P9090081



P9090082

<b>Table D-3: Summary of Area Walk-By Checklists Outage DCCNP1 Walkdown</b>			
<b>Area Number</b>	<b>Room – Area – Desc.</b>	<b>Elevation</b>	<b>Page</b>
40	AUXILIARY BUILDING UNIT 1 – ROOM 29	591	D-433
41	CONTAINMENT BUILDING UNIT 1 – ROOM 60	612	D-441
42	CONTAINMENT BUILDING UNIT 1 – ROOM 62	617	D-446
43	CONTAINMENT BUILDING UNIT 1 – ROOM 63	617 / 612	D-450
44	CONTAINMENT BUILDING UNIT 1 – ROOM 66	612	D-454
45	CONTAINMENT BUILDING UNIT 1 – ROOM 81	650	D-458
46	AUXILIARY BUILDING UNIT 1 – ROOM 609	609	D-465

Status: Y  N  U

**Area Walk-By Checklist (AWC)**

Location: Bldg. AB1 Floor El. 591 Room, Area<sup>17</sup> 29 (Sys - BD)

**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 adverse seismic conditions (if visible without necessarily opening cabinets)? Y  N  U  N/A

*Facing Containment, the lower left bolt on the lower left brace below 1-CPN-38, does not have full thread engagement (1 thread shy of full engagement). Per DC-D-3053S-430, only 50% thread engagement is required for full tensile capacity of concrete anchor bolts. Therefore the brace is seismically adequate. - AR 2013-4499 was issued  
Bolt is backed out of 1-CPN-38, however there is full thread engagement and the nut is tack welded in place - AR 2013-4500 was issued*

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

<sup>17</sup> 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)**

Location: Bldg. AB1 Floor El. 591 Room, Area <sup>17</sup>29 (Sys - BD)

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)

*Area walk-by performed on March 29, 2013*

Evaluated by: Tyler Blosser 

Date: 6/26/2013

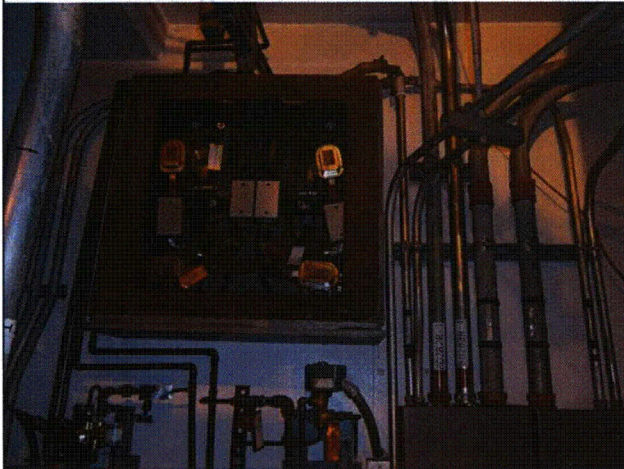
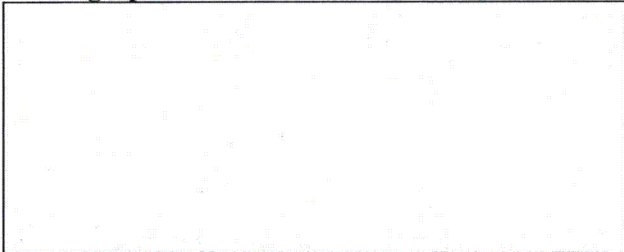
Lindsay Yates 

6/26/2013

**Area Walk-By Checklist (AWC)**

Location: Bldg. AB1 Floor El. 591 Room, Area 17/29 (Sys - BD)

**Photographs**



Note: Extension cord hung for Unit 1 Cycle 25 Outage (P3280091)

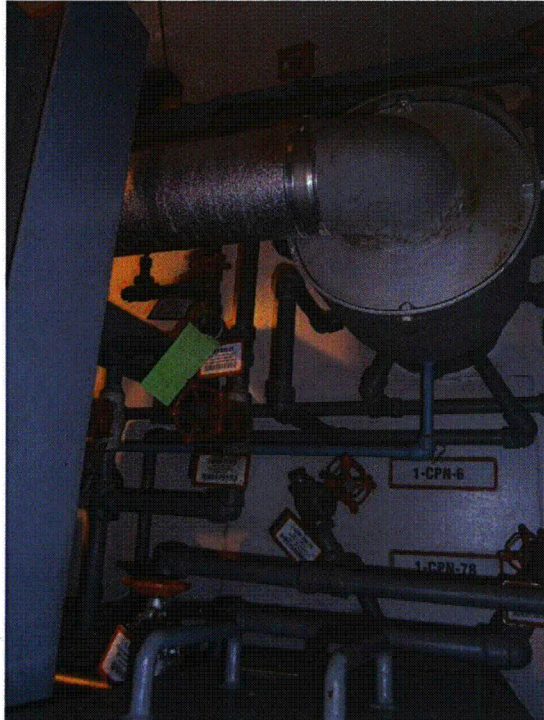


Note: (P3280092)

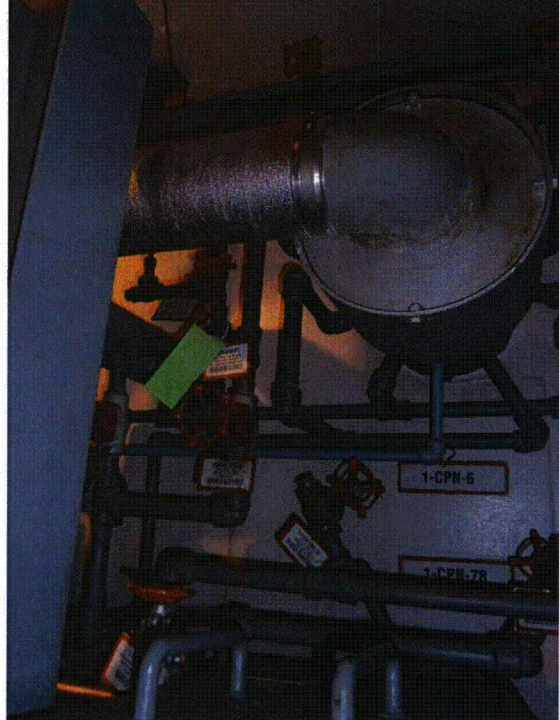


**Area Walk-By Checklist (AWC)**

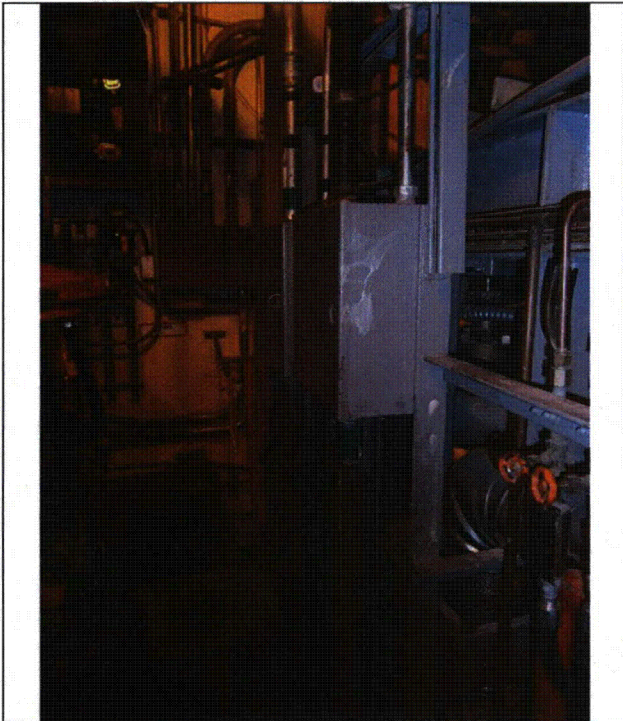
Location: Bldg. AB1 Floor El. 591 Room, Area 17/29 (Sys - BD)



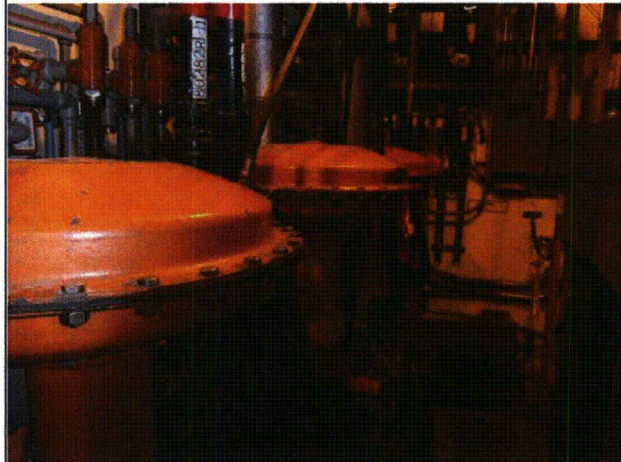
Note: (P3280094)



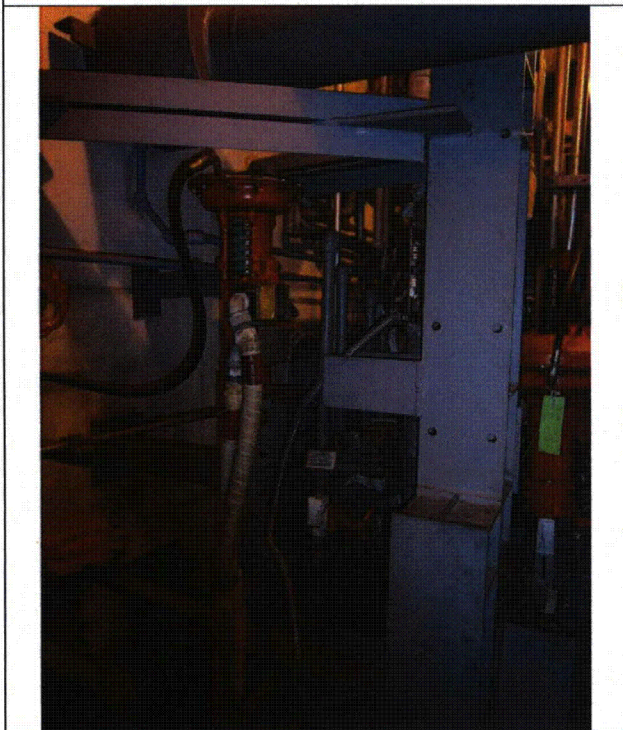
Note: (P3280095)



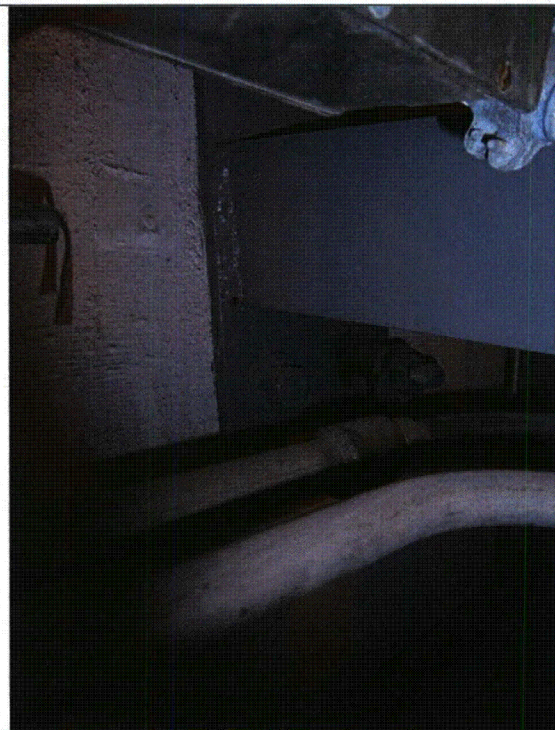
Note:(P3280096)



Note:(P3280097)



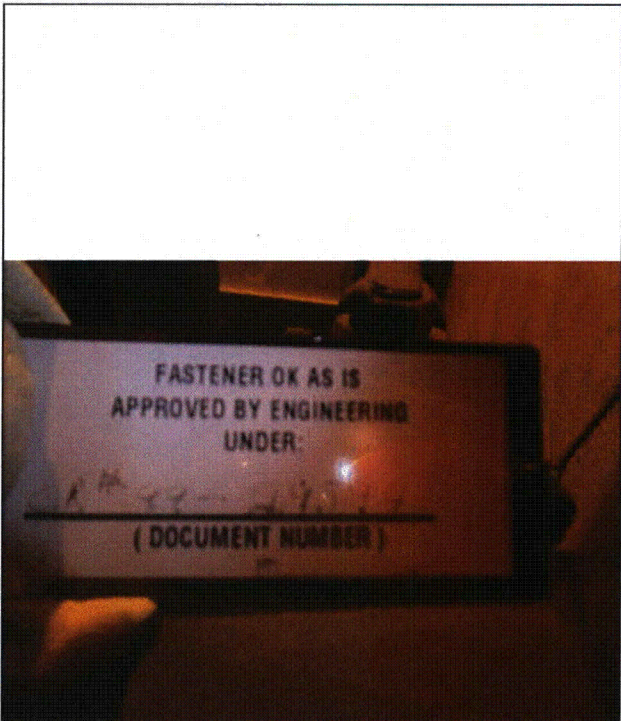
Note:(P3280099)



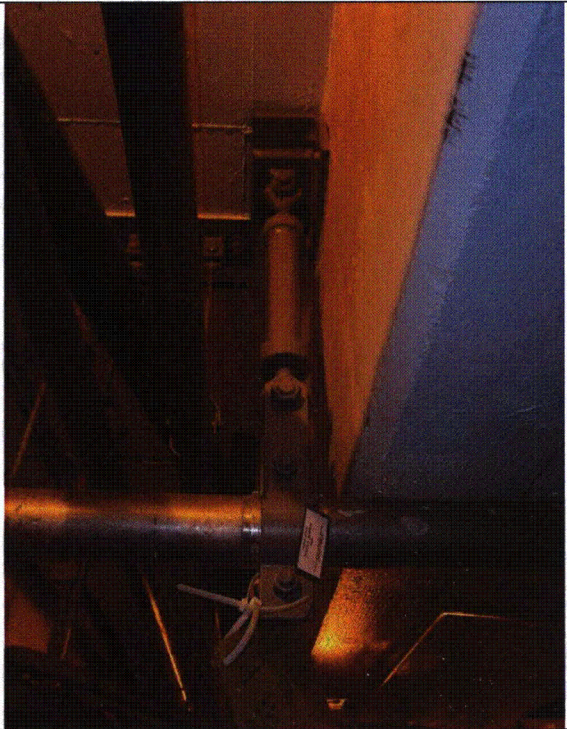
Note: Lower left bolt on brace with less than required thread engagement (P3280100)



**Note:** Backed out bolt on 1-CPN-38  
(P3280102)



**Note:**(P3280105)



Note:(P3280106)

Status: Y  N  U

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 612 Room, Area<sup>18</sup> 60 (Sys - Containment)

**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 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

<sup>18</sup> 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)**

Location: Bldg. CON1 Floor El. 612 Room, Area <sup>18</sup>60 (Sys - Containment)

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   
*Lead shielding temporarily hung and staged for the outage*

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)  
*Area walkby performed on April 1, 2013.*

Evaluated by: Tyler Blosser



Date: 6/26/2013

Lindsay Yates



6/26/2013

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 612 Room, Area<sup>18</sup> 60 (Sys - Containment)

**Photographs**



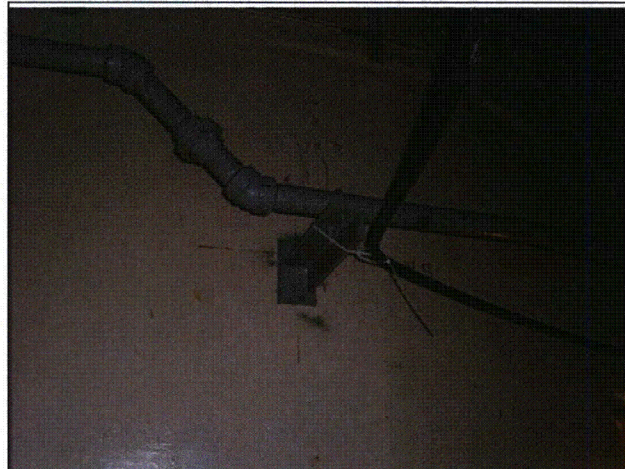
Note:(P4010124)



Note:(P4010126)



Note:(P4010127)



Note: Cable hung for Unit 1 Cycle 25 Outage (P4010128)



**Note:**(P4010129)



**Note:** Lead shielding hung for Unit 1 Cycle 25 Outage (P4010130)



**Note:**(P4010131)



**Note:** Lead shielding hung for Unit 1 Cycle 25 Outage(P4010133)

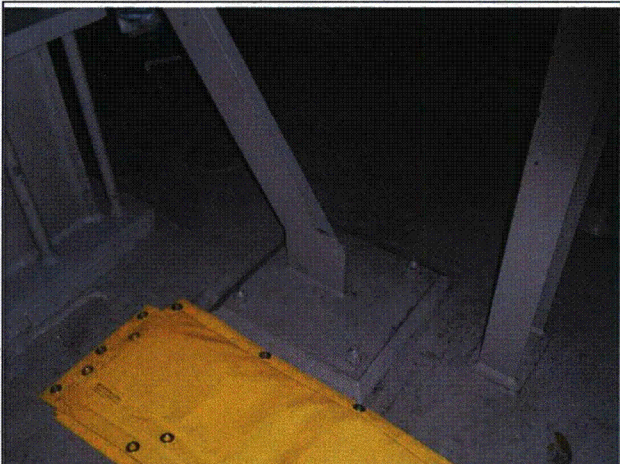




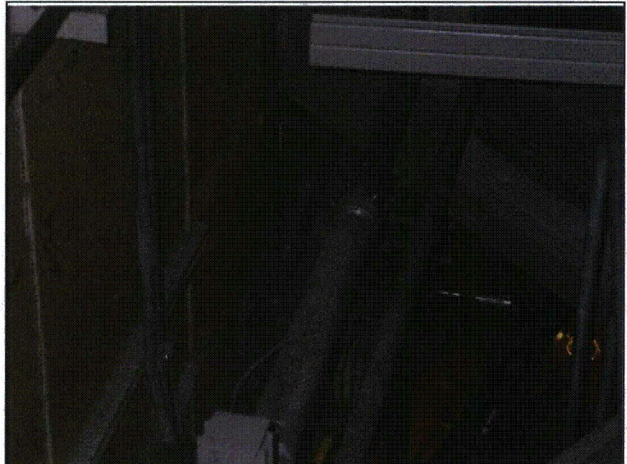
**Note:**(P4010134)



**Note:**(P4010136)



**Note:** Lead shielding staged for Unit 1 Cycle 25 Outage (P4010137)



**Note:**(P4010138)

Status: Y N U

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 617 Room, Area<sup>19</sup> 62 (Sys - RCS)

**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 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

<sup>19</sup> 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)**

Location: Bldg. CON1 Floor El. 617 Room, Area<sup>19</sup> 62 (Sys - RCS)

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   
*Scaffolding and lead shielding hung for the Unit 1 Cycle 25 Outage. These are not normally present during normal operation.*


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)

*Area Walk-By performed on April 1, 2013.*

Evaluated by: Tyler Blosser 

Date: 7/8/2013

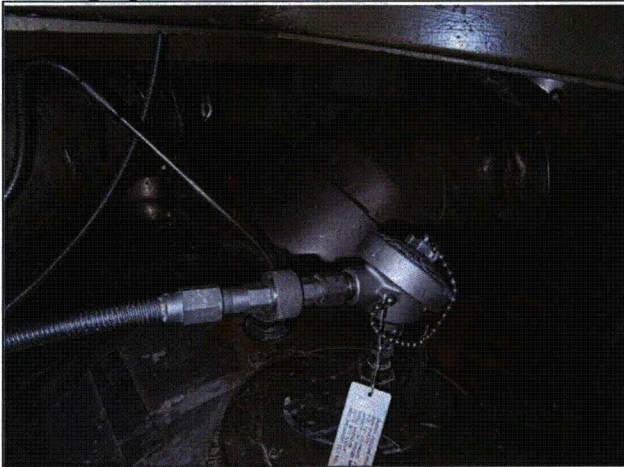
Lindsay Yates 

7/8/2013

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 617 Room, Area 19 62 (Sys - RCS)

**Photographs**



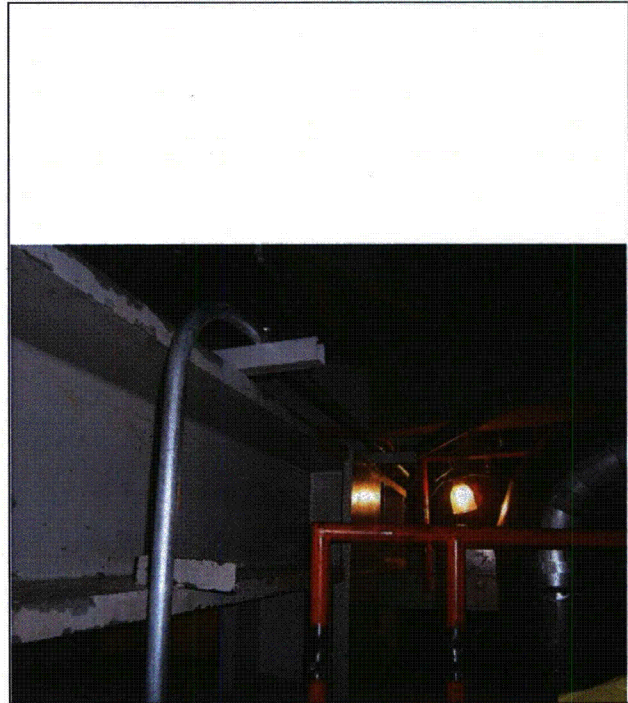
Note:(P5081521)



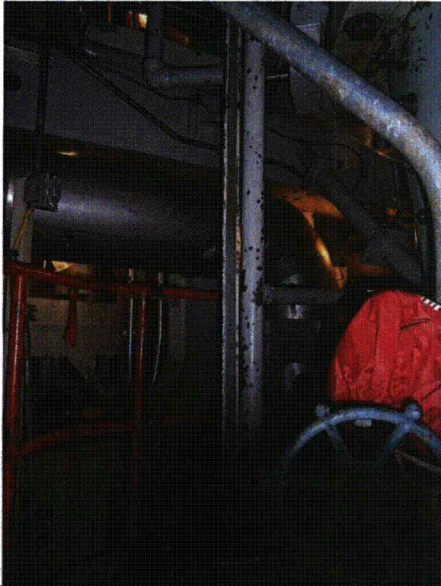
Note:(P5081522)



Note:(P5081526)



Note:(P5081527)



**Note:** Red foreign material exclusion (FME) cover in place for the Unit 1 Cycle 25 Outage (P5081550)



**Note:** Red FME cover in place for the Unit 1 Cycle 25 Outage (P5081552)

Status: Y N U

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 617/612 Room, Area<sup>20</sup> 63 (Sys-RCS/CNTMT)

**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 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

<sup>20</sup> 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)**

Location: Bldg. CON1 Floor El. 617/612 Room, Area<sup>20</sup> 63 (Sys-RCS/CNTMT)

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   
*Scaffolding and lead shielding hung for the Unit 1 Cycle 25 Outage. These are not present during normal operation.*

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)

*Area Walk-By performed on April 1, 2013.*

Evaluated by: Tyler Blosser 

Date: 7/8/2013

Lindsay Yates 

7/8/2013

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 617/612 Room, Area<sup>20</sup> 63 (Sys-RCS/CNTMT)

**Photographs**



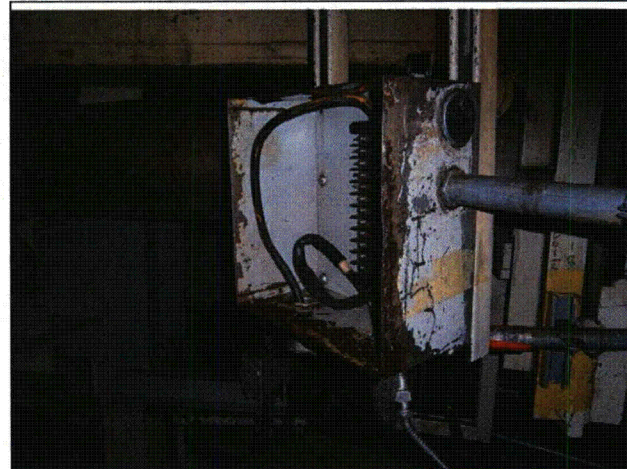
Note:(P5081538)



Note:(P5081542)



Note:(P5081543)



Note: Termination box with cover removed for the Unit 1 Cycle 25 Outage (P5081544)





**Note:** Cover removed from termination box for the Unit 1 Cycle 25 Outage (P5081545)

Status: Y  N  U

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 612 Room, Area<sup>21</sup> 66 (Sys - CVCS)

**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 adverse seismic conditions (if visible without necessarily opening cabinets)? Y  N  U  N/A   
*There is insufficient thread engagement on an anchor bolt for a pipe support (1-GCS-R751) near 1-QRV-160 - AR 2013-4779 was issued*  
*Missing bolt on a single angle conduit support for conduits attached to 1-QRV-160 - AR 2013-4815 was issued*
  
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

<sup>21</sup> 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)**

Location: Bldg. CON1 Floor El. 612 Room, Area<sup>21</sup> 66 (Sys - CVCS)

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)

*Initial walkdown performed prior to lead shielding being hung and a second walkdown was performed after the lead shielding was hung.  
Area walk-by performed on April 1, 2013.*

Evaluated by: Tyler Blosser



Date: 6/26/2013

Lindsay Yates



6/26/2013

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 612 Room, Area<sup>21</sup> 66 (Sys - CVCS)

**Photographs**



Note:(P4010150)



Note:(P4010151)



Note:(P4010152)



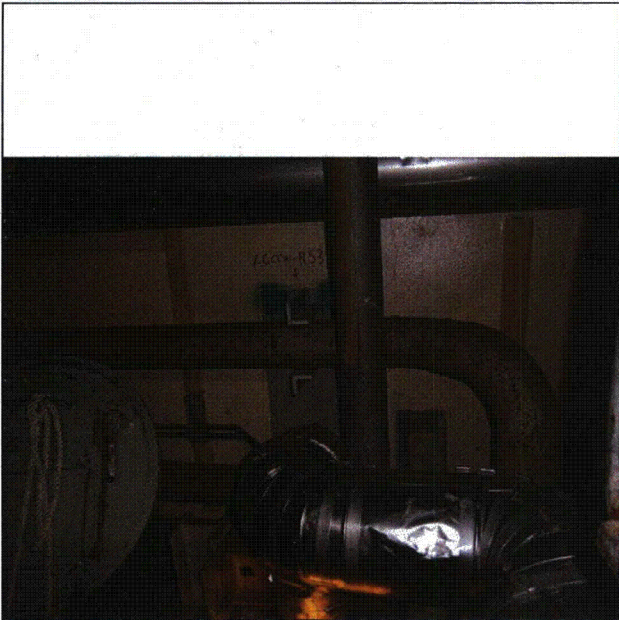
Note:(P4010153)



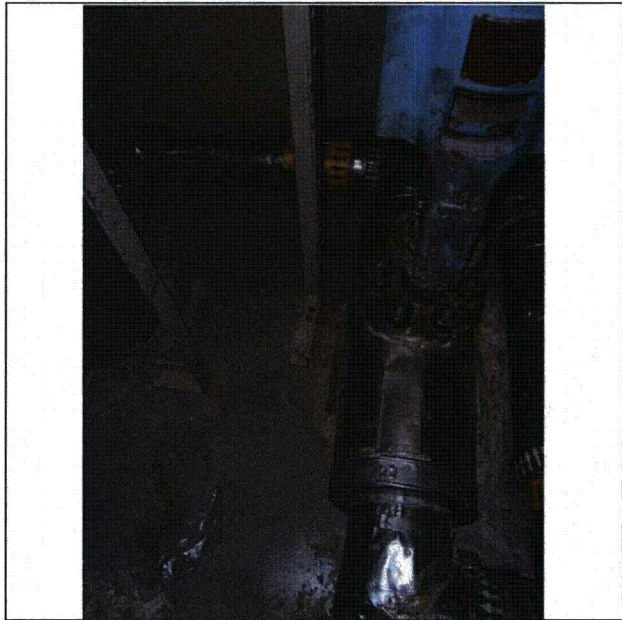
**Note:** Nut with insufficient thread engagement (P4010154)



**Note:** Cord staged for Radiation Protection remote coverage for the Unit 1 Cycle 25 Outage (P4010155)



**Note:**(P4010156)



**Note:** Single angle support with missing bolt (P4010169)

Status: Y  N  U

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 650 Room, Area<sup>22</sup> 81 (Sys - RCS)

**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 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)?  
*Cable/conduit raceways and HVAC ducting have no missing bolts or nuts.*  
*Grating has no missing bolts or nuts.* 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

<sup>22</sup> 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)**

Location: Bldg. CON1 Floor El. 650 Room, Area<sup>22</sup> 81 (Sys - RCS)

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  
*White bag tied off near 1-NMO-151 which is only staged there for the outage and is not present during unit operation.*

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)

*No missing bolts and nuts in the grating  
Area walk-by performed on March 29, 2013.*

Evaluated by: Tyler Blosser 

Date: 6/26/2013

Lindsay Yates 

6/26/2013

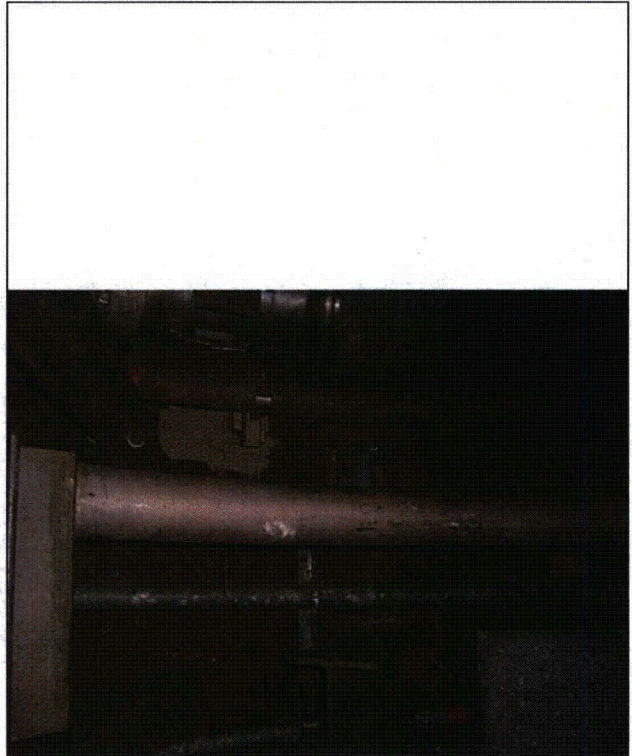
**Area Walk-By Checklist (AWC)**

Location: Bldg. CON1 Floor El. 650 Room, Area<sup>22</sup> 81 (Sys - RCS)

**Photographs**



Note:(P3280044)

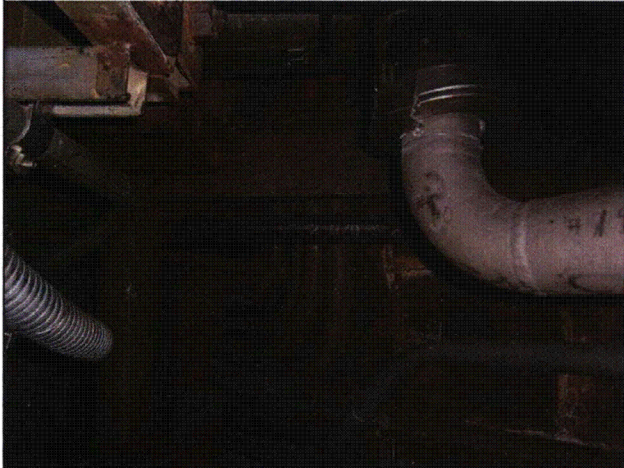
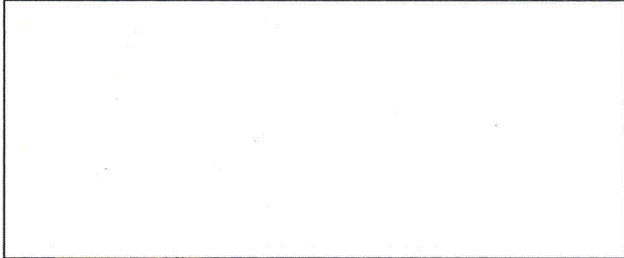


Note:(P3280045)



**Area Walk-By Checklist (AWC)**

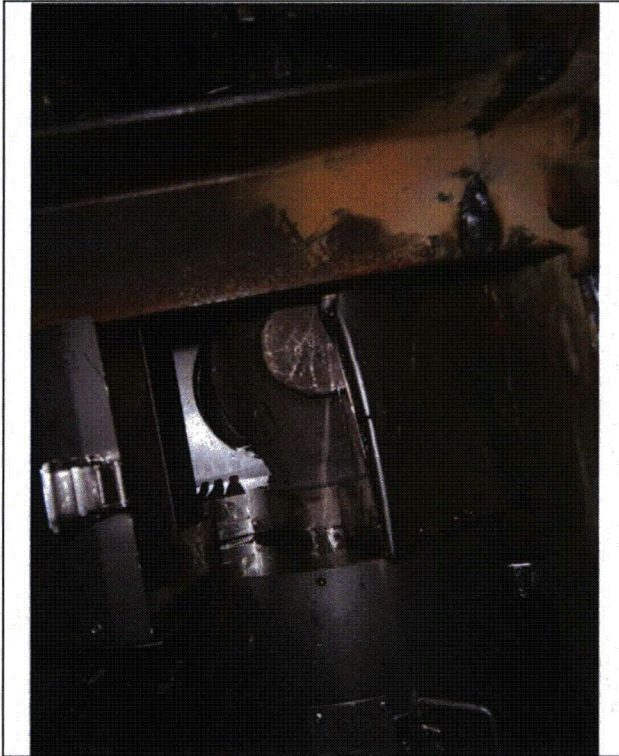
Location: Bldg. CON1 Floor El. 650 Room, Area<sup>22</sup> 81 (Sys - RCS)



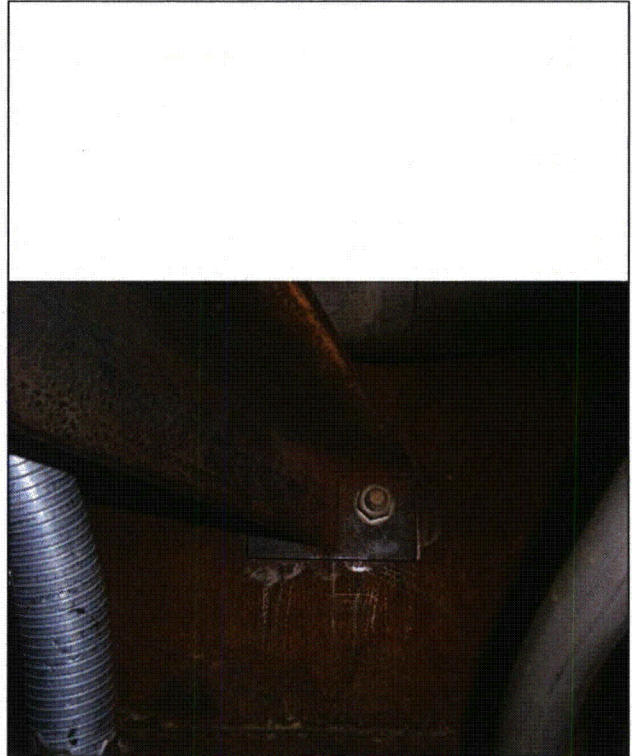
Note:(P3280046)



Note:(P3280048)



**Note:** *Insulation was found unclipped. Not a seismic concern; insignificant weight and no soft targets below (P3280049)*



**Note:** *(P3280052)*



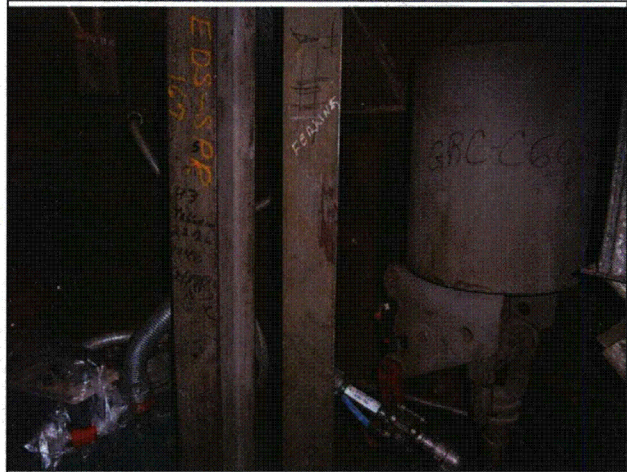
**Note:** *Abandoned support (P3280053)*



**Note:** *(P3280057)*



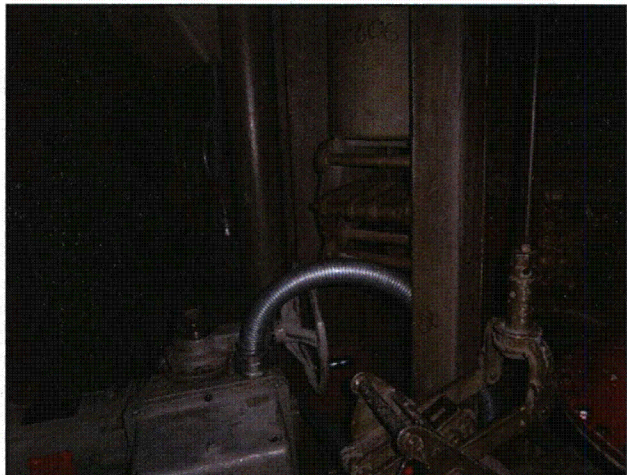
**Note:** White bag tied off for Unit 1 Cycle 25  
Outage (P3280058)



**Note:**(P3280059)



**Note:**(P3280060)



**Note:**(P3280063)

Status: Y N U

**Area Walk-By Checklist (AWC)**

Location: Bldg. AB1 Floor El. 609 Room, Area<sup>23</sup> 609 (Sys - 600AC)

**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 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)?  
*Conduit well supported with trapeze supports* 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

<sup>23</sup> 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)**

Location: Bldg. AB1 Floor El. 609 Room, Area<sup>23</sup> 609 (Sys - 600AC)

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

*Fire Protection sprinkler above 1-AZ-BC, adequately supported*

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

*RP storage cabinet on wall ~8 ft from 1-AZ-BC is not bolted down but the location was evaluated by Engineering and deemed okay.*

*Maintenance equipment staged for Unit 1 Cycle 25 outage and is tied down per Cook Plant's procedures.*

*Eyewash and shower station by 1-AZV-A is tied off and restrained.*

*Boric acid storage location is in the area but does not pose any seismic concerns and does not exceed floor loading criteria.*

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)  
*Area walk-by performed on April 5, 2013*

Evaluated by: Tyler Blosser 

Date: 6/26/2013

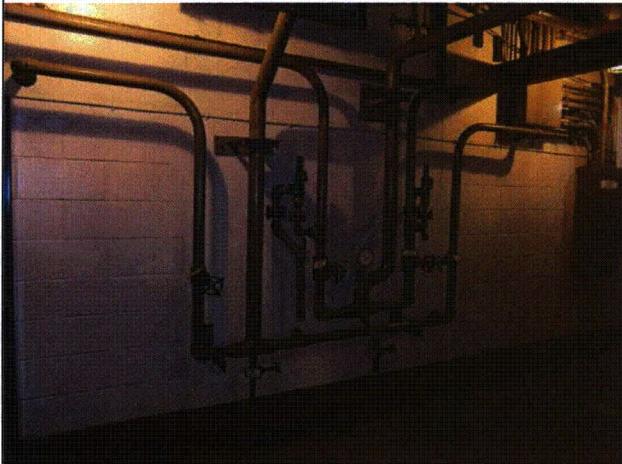
Lindsay Yates 

6/26/2013

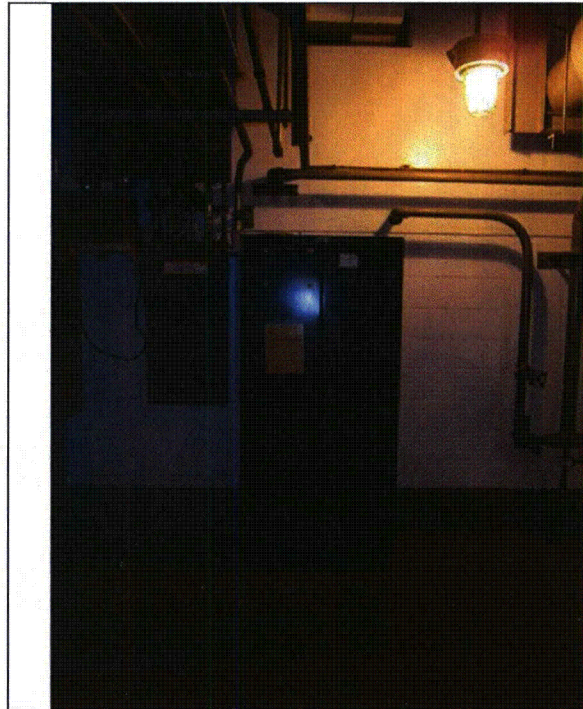
**Area Walk-By Checklist (AWC)**

Location: Bldg. AB1 Floor El. 609 Room, Area<sup>23</sup> 609 (Sys - 600AC)

**Photographs**



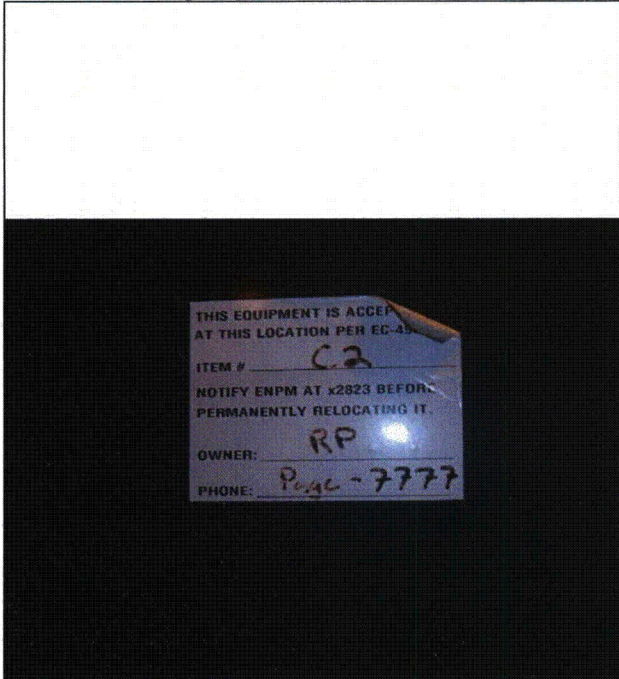
Note:(P4050275)



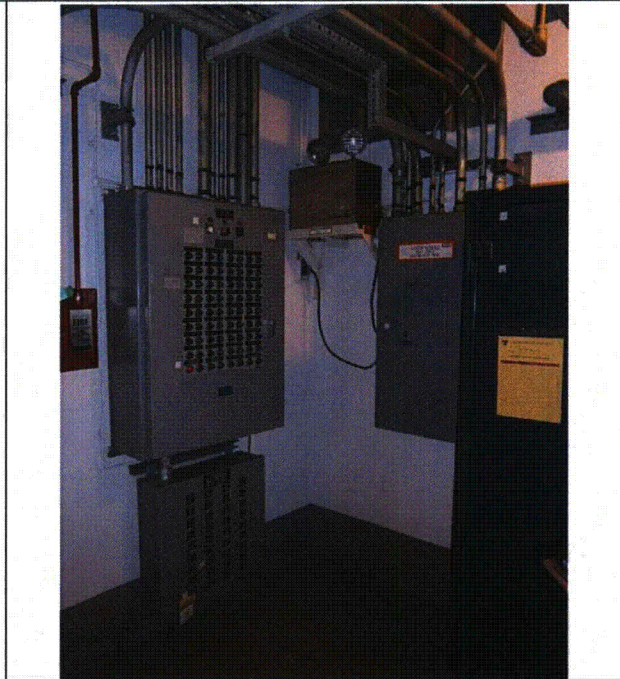
Niter storage cabinet (P4050278)

**Area Walk-By Checklist (AWC)**

Location: Bldg. AB1 Floor El. 609 Room, Area<sup>23</sup> 609 (Sys - 600AC)



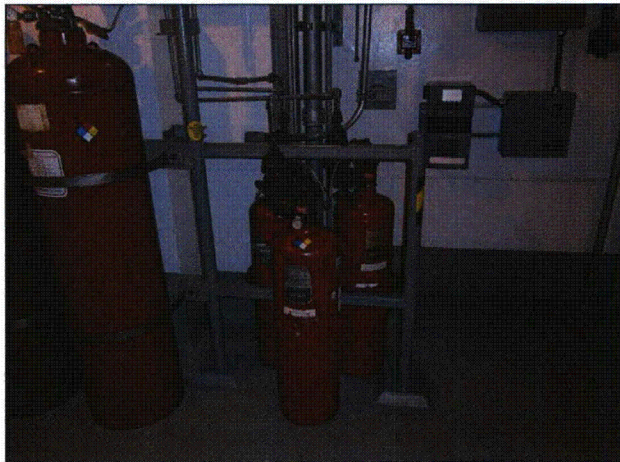
Note: Note accepting the location of the RP storage cabinet per Engineering (P4050279)



Note:(P4050280)



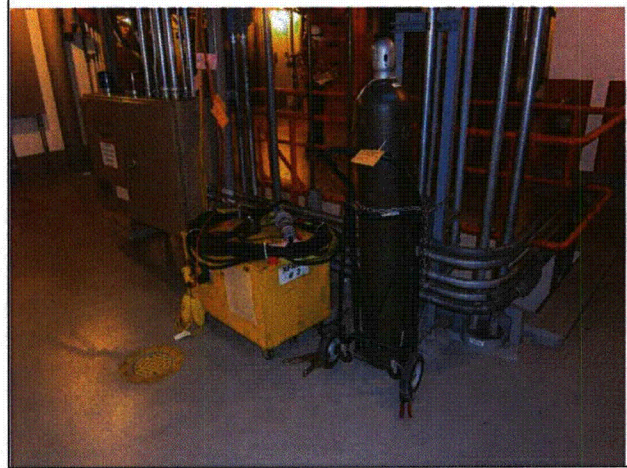
Note:(P4050281)



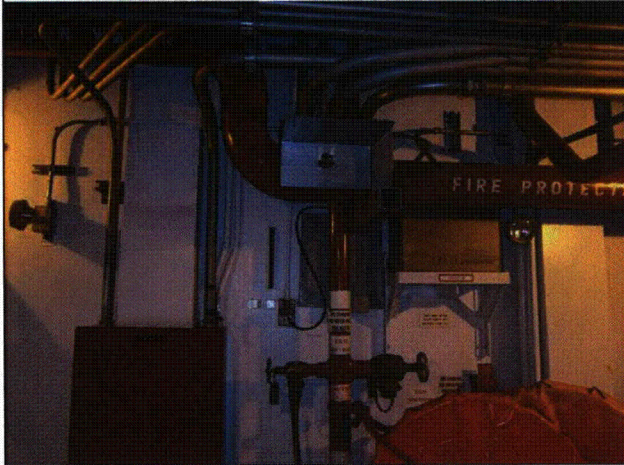
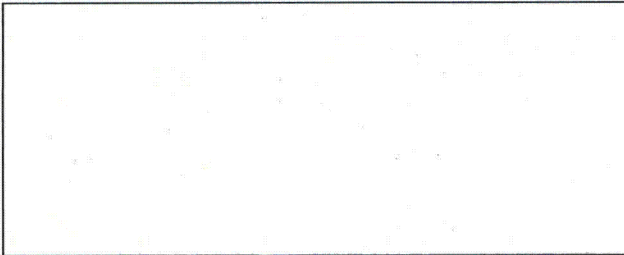
Note:(P4050283)



Note:(P4050284)



Note: Maintenance equipment staged for the Unit 1 Cycle 25 Outage and properly tied off (P4050287)



Note:(P4050288)



Note:(P4050290)





*Note: Eyewash and shower station properly tied off and restrained (P4050294)*



*Note: Boric acid storage area (P4050295)*

<b>Table D-4: Summary of Area Walk-By Checklists for DCCNP2 Outage Walkdowns</b>			
<b>Area Number</b>	<b>Room – Area – Desc.</b>	<b>Elevation</b>	<b>Page</b>
45	AUXILIARY BUILDING UNIT 2 - ROOM 29	591	D-471
46	CONTAINMENT BUILDING UNIT 2 – ROOM 60	598	D-476
47	CONTAINMENT BUILDING UNIT 2 – ROOM 62	617	D-482
48	CONTAINMENT BUILDING UNIT 2 – ROOM 63	617	D-487
49	CONTAINMENT BUILDING UNIT 2 – ROOM 81	650	D-491
50	AUXILIARY BUILDING UNIT 2 – ROOM 140	609	D-496
51	AUXILIARY BUILDING UNIT 2 – ROOM 200	609	D-501
52	AUXILIARY BUILDING UNIT 2 – ROOM 204	609	D-506

Note: Pages D-471 through D-509 are all new pages in Revision 2 of this Report.

**Area Walk-By Checklist (AWC)**

---

Location: Bldg. AB2 Floor El. 591 Room, Area<sup>24</sup> 29 (Sys - BD)

---

**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 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   
*Conduit runs well supported on unistrut.*  
*Air hoses to valve actuators hanging in front of protection cabinet. Not a seismic concern.*
  
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

---

<sup>24</sup> 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)**

---

Location: Bldg. AB2 Floor El. 591 Room, Area<sup>24</sup> 29 (Sys - BD)

---

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  
*Scaffolding built right in front and below the protection cabinet for 2-XSO-321. The scaffolding is adequately braced and has been evaluated by engineering for seismic adequacy.  
Air hoses hung for Unit 2 Cycle 21 Outage (not present during normal operation).*

---

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)

*2-CPN-79 is missing 2 bolts. The top bolt hole has a nut welded in place, however the bottom bolt hole has no bolt or nut. This is not a seismic concern. AR 2013-14875 was written to replace the missing bolts.*

*Area Walk-by was performed on 10/04/2013.*

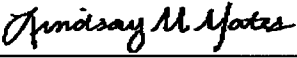
---

**Area Walk-By Checklist (AWC)**

---

Location: Bldg. AB2 Floor El. 591 Room, Area<sup>24</sup> 29 (Sys - BD)

---

Evaluated by: Lindsay M. Yates 

Date: 1/2/14

Tyler C. Blosser 

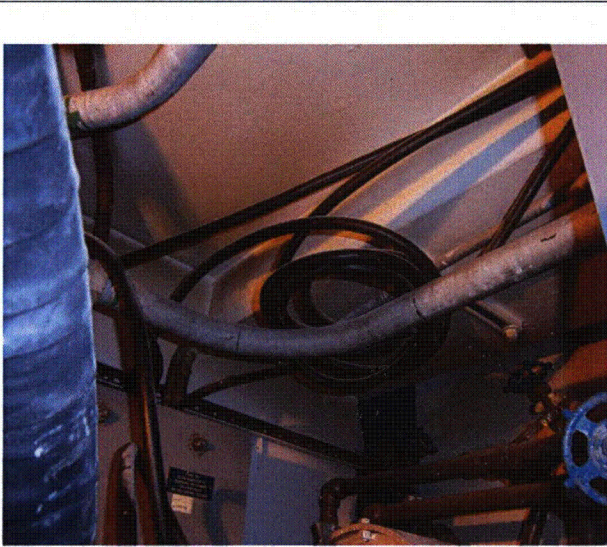
1/2/14

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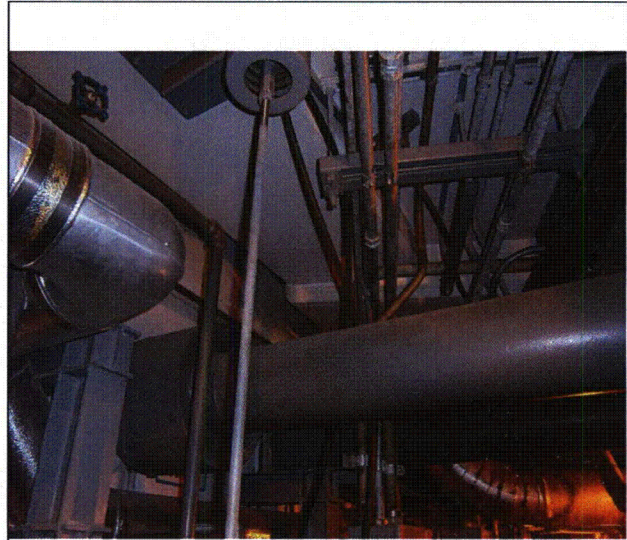
**Area Walk-By Checklist (AWC)**

Location: Bldg. AB2 Floor El. 591 Room, Area 24 29 (Sys - BD)

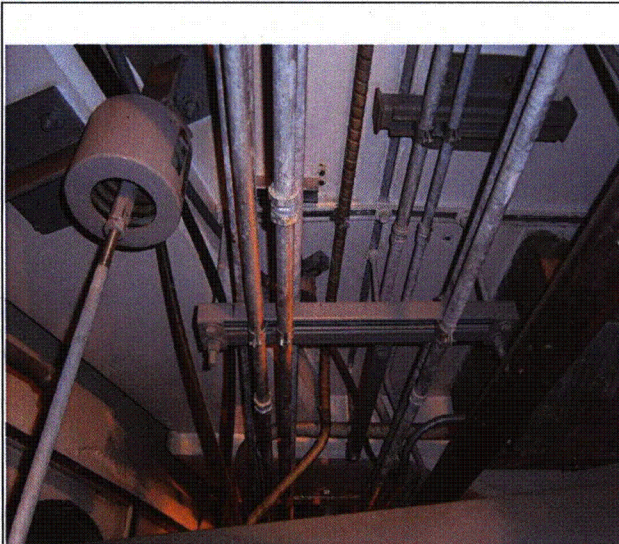
**Photographs**



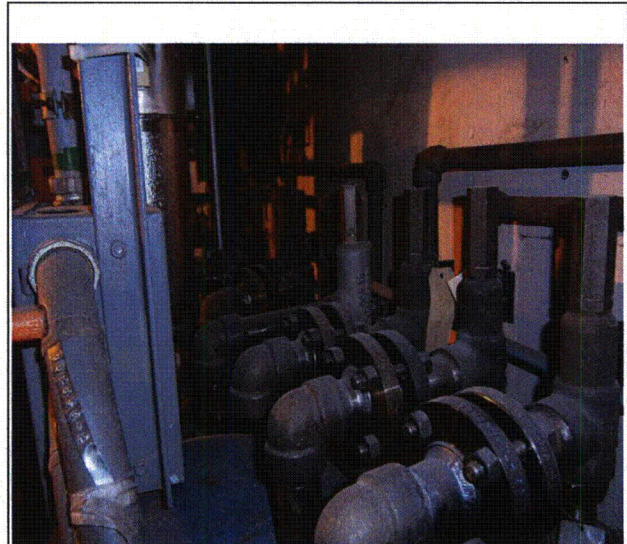
**Note:** (PA-040549) Air Hoses for Air Operated Valve actuators. (See Comments Above)



**Note:** (PA-040551)



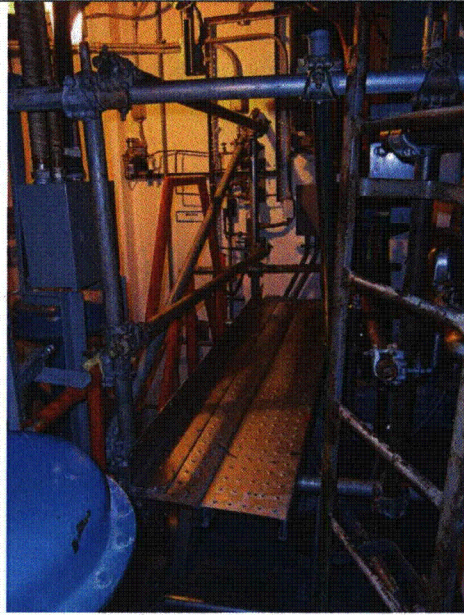
**Note:** (PA-040553)



**Note:** (PA-040554)



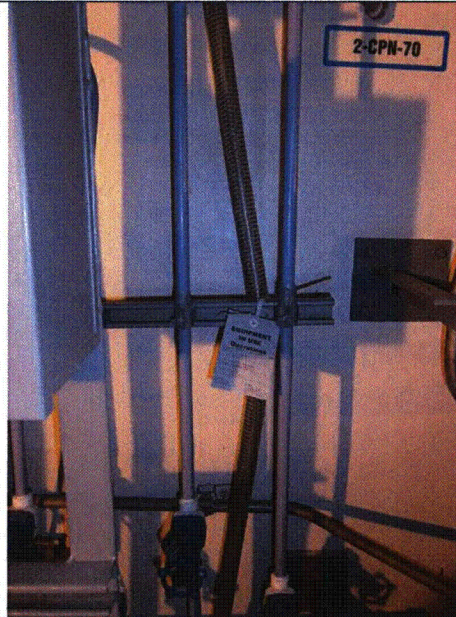
**Note:** (PA-040555) 2-CPN-79 missing bolts. (See Comments Above)



**Note:** (PA-040558) Scaffold built near Solenoid Protection Cabinet containing 2-XSO-321. (See comments above)



**Note:** (PA-040560)



**Note:** (PA-040561) Hose staged for Unit 2 Cycle 21 Outage.

### Area Walk-By Checklist (AWC)

Location: Bldg. CON2 Floor El. 598 Room, Area<sup>25</sup> 60 (Sys - CONTMT)

#### 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 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)?  
*Conduit well support on unistrut.* 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

<sup>25</sup> 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)**

---

Location: Bldg. CON2 Floor El. 598 Room, Area<sup>25</sup> 60 (Sys - CONTMT)

---

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  
*Cables zip tied and bucket staged for Unit 2 Cycle 21 Outage (both not present during normal operation).*

---

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)

*Area Walk-by was performed on 10/04/2013.*

**Area Walk-By Checklist (AWC)**


---

Location: Bldg. CON2 Floor El. 598 Room, Area<sup>25</sup> 60 (Sys - CONTMT)

---

Evaluated by: Lindsay M. Yates 

Date: 1/2/14

Tyler C. Blosser 

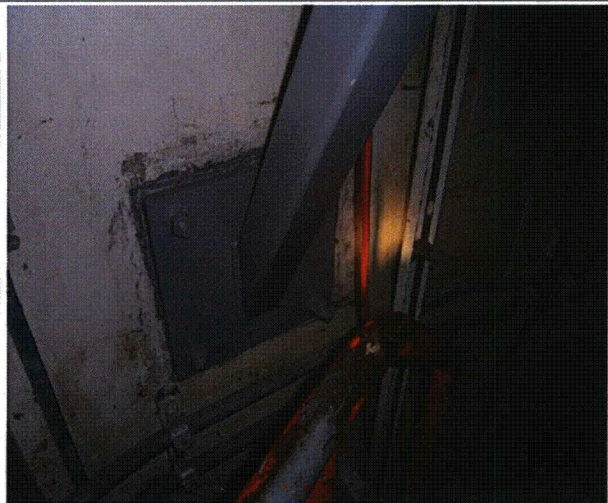
1/2/14

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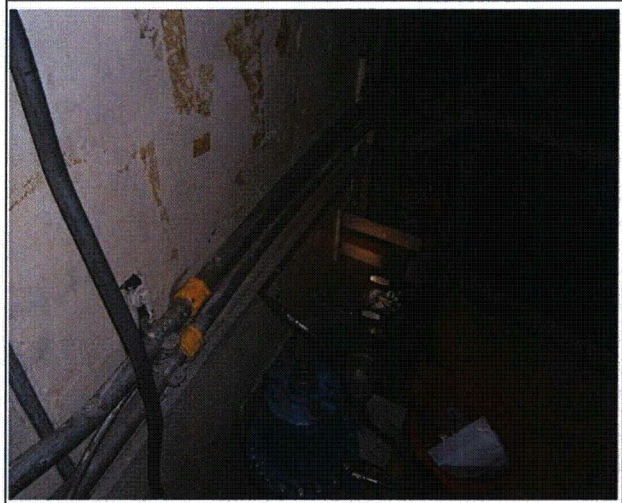
**Area Walk-By Checklist (AWC)**

Location: Bldg. CON2 Floor El. 598 Room, Area <sup>25</sup>60 (Sys - CONTMT)

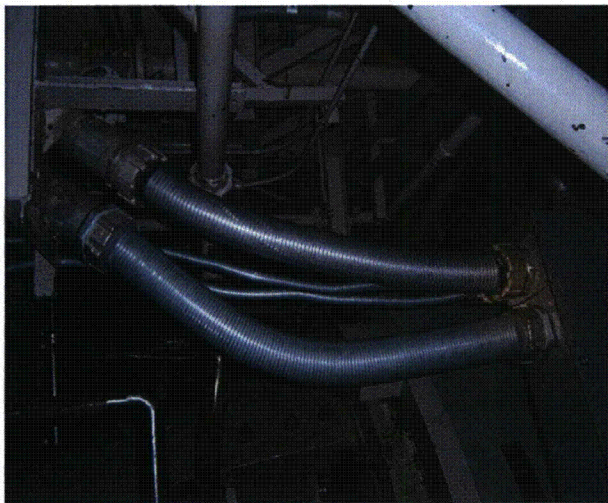
**Photographs**



**Note:** (PA-040463)



**Note:** (PA-040464) Bucket and lead shielding staged for the Unit 2 Cycle 21 Outage.



**Note:** (PA-040465)



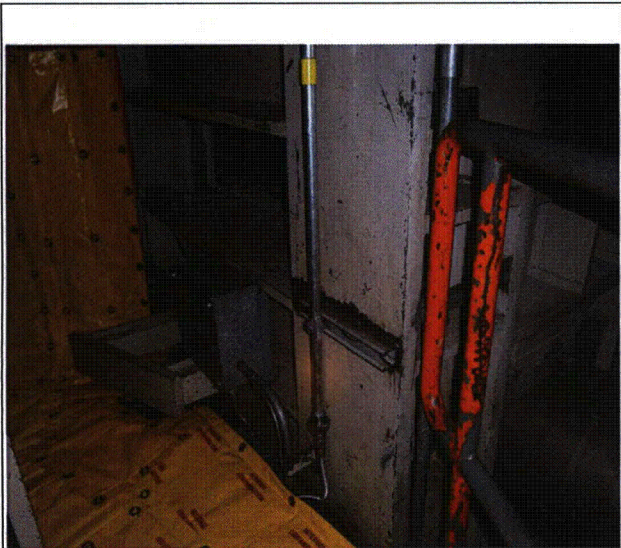
**Note:** (PA-040466)



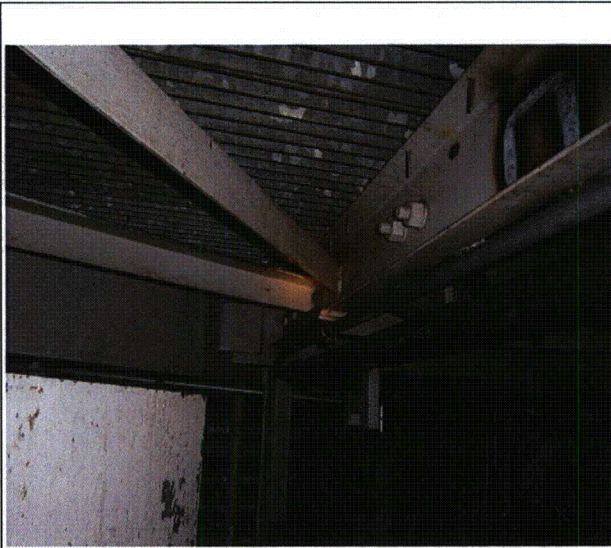
**Note:** (PA-040467)



**Note:** (PA-040468)



**Note:** (PA-040470) Lead shielding staged for Unit 2 Cycle 21 Outage.



**Note:** (PA-040475) Bolts securing grating are self tapping, no nuts required



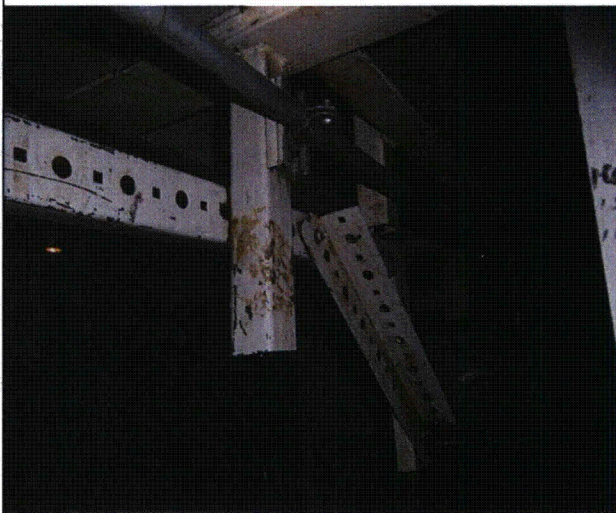
**Note:** (PA-040474) Bolt securing grating is self tapping, no nut required.



**Note:** (PA-040476)



**Note:** (PA-040480)



**Note:** (PA-040483)

**Area Walk-By Checklist (AWC)**

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>26</sup> 62 (Sys - RCS)

**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 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

<sup>26</sup> 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)**

---

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>26</sup> 62 (Sys - RCS)

---

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   
*Lead staged for Unit 2 Cycle 21 Outage (not present during normal operation).*

---

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)

*Long tube spans exiting valves 2-NFP-222-V2 (about 5 ft from valve to tube track support), 2-NFP-220-V1 (about 6.5 ft from valve to closest support), 2-NFP-220-V2 (about 5 ft from valve to tube track support), and 2-NFP-220-V1 (about 6.5 ft from valve to closest support). All spans judged acceptable in the field based on the size of the tube and the tube material (stainless steel).  
Area Walk-by was performed on 10/04/2013.*


---

**Area Walk-By Checklist (AWC)**

---

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>26</sup> 62 (Sys - RCS)

---

Evaluated by: Lindsay M. Yates  Date: 1/2/14

Tyler C. Blosser  1/2/14

---



**Area Walk-By Checklist (AWC)**

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>26</sup> 62 (Sys - RCS)

**Photographs**



**Note:** (PA-040497)



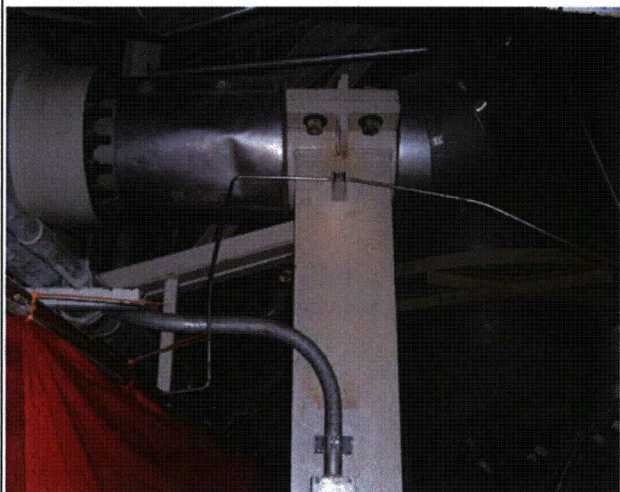
**Note:** (PA-040498)



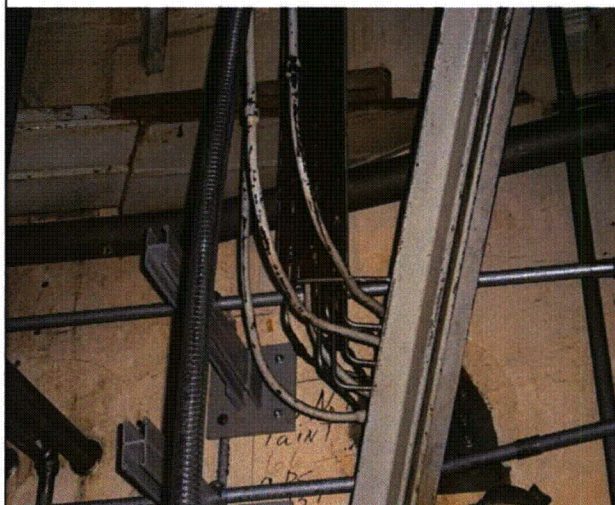
**Note:** (PA-040500) Tubing spanning from valve 2-NFP-220-V1. (See Comments Above)



**Note:** (PA-040502) Tubing spanning from valve 2-NFP-220-V2. (See Comments Above)



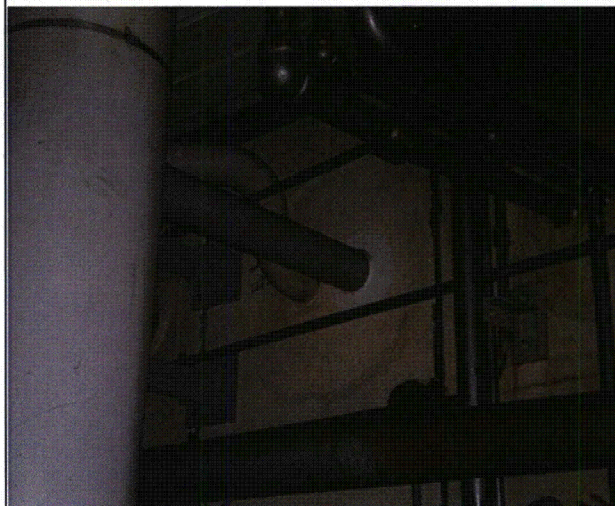
**Note:** (PA-040503) FME Barrier Hung for Unit 2 Cycle 21 Outage. Tubing spanning from 2-NFP-220-V2. (See comments above)



**Note:** (PA-040512)



**Note:** (PA-040513)



**Note:** (PA-040515)

### Area Walk-By Checklist (AWC)

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>27</sup> 63 (Sys - RCS)

#### 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 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   
*Overhead lighting well supported on unistrut.*  
*Flex conduit zip tied for the Unit 2 Cycle 21 Outage.*

<sup>27</sup> 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)**

---

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>27</sup> 63 (Sys - RCS)

---

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  
*Lead shielding hung for Unit 2 Cycle 21 Outage (not present during normal operation).*

---

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)

*Area Walk-by was performed on 10/04/2013.*

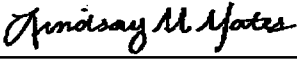
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**Area Walk-By Checklist (AWC)**

---

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>27</sup> 63 (Sys - RCS)

---

Evaluated by: Lindsay M. Yates  Date: 1/2/14

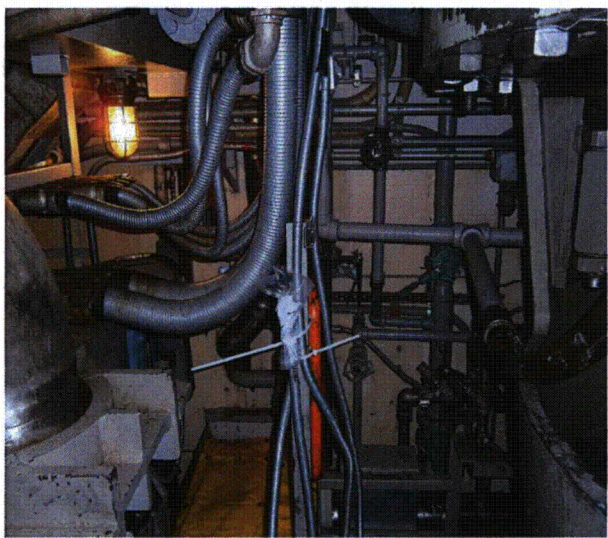
Tyler C. Blosser  1/2/14

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**Area Walk-By Checklist (AWC)**

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>27</sup> 63 (Sys - RCS)

**Photographs**



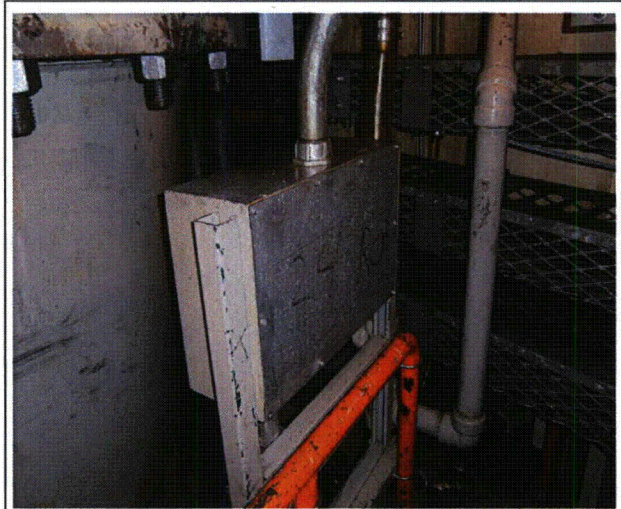
**Note:** (PA-040457) Conduit zip tied and lead shielding hung for the Unit 2 Cycle 21 Outage.



**Note:** (PA-040458) Lead shielding hung for Unit 2 Cycle 21 Outage.



**Note:** (PA-040454) Lead shielding and plastic and maintenance in use equipment hung for Unit 2 Cycle 21 Outage



**Note:** (PA-040455)

Status: Y  N  U

**Area Walk-By Checklist (AWC)**



**Area Walk-By Checklist (AWC)**

---

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>27</sup> 63 (Sys - RCS)

---

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)

*Area Walk-by was performed on 10/03/2013.*

---




**Area Walk-By Checklist (AWC)**


---

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>27</sup> 63 (Sys - RCS)

---

Evaluated by: Lindsay M. Yates 

Date: 1/2/14

Tyler C. Blosser 

1/2/14

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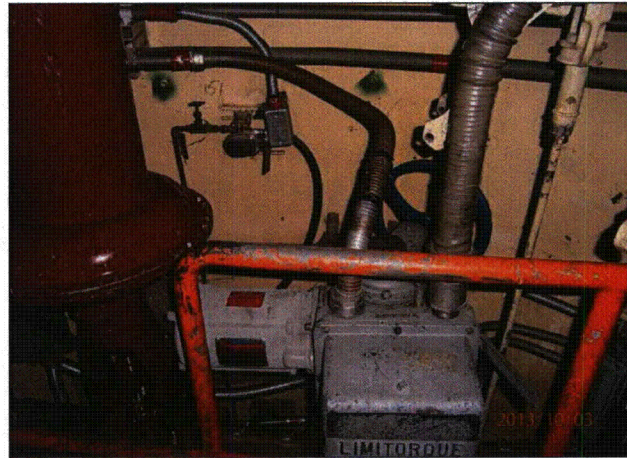
**Area Walk-By Checklist (AWC)**

Location: Bldg. CON2 Floor El. 617 Room, Area<sup>27</sup> 63 (Sys - RCS)

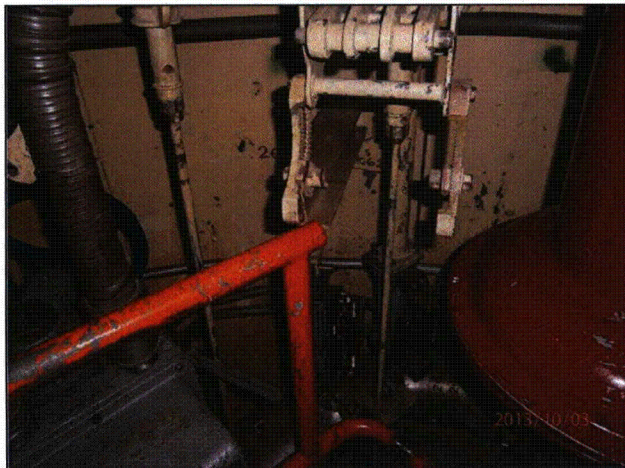
**Photographs**



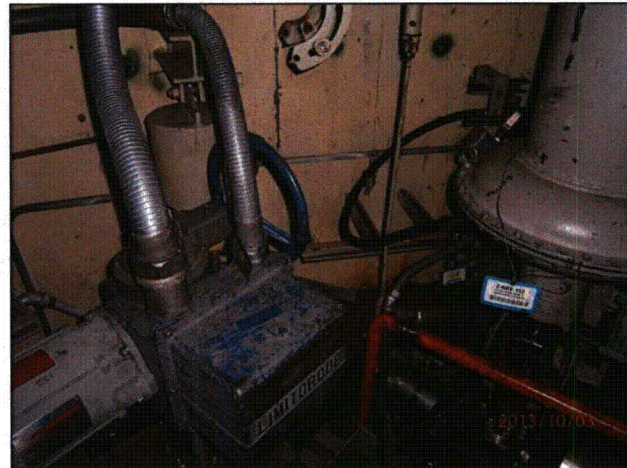
Note: (PA030034)



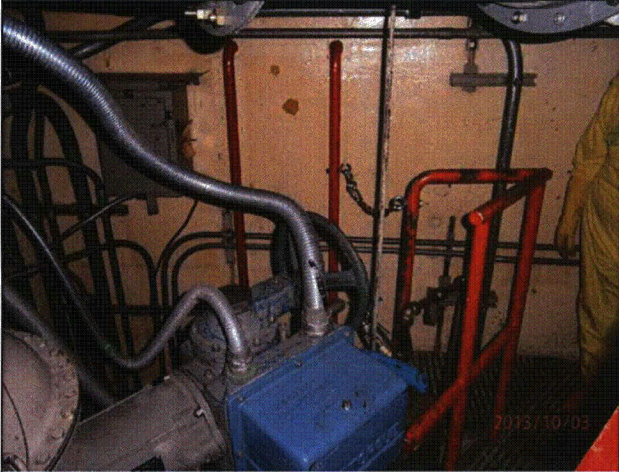
Note: (PA030036)



Note: (PA030037)



Note: (PA030039)



**Note:** (PA030041)



**Note:** Overhead ductwork (PA030042)



**Note:** Overhead ductwork (PA030045)



**Note:** (PA030048)

**Area Walk-By Checklist (AWC)**

---

Location: Bldg. AB2 Floor El. 609 Room, Area<sup>29</sup> 140 (Sys - 4KVAC)

---

**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 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  
*Overhead cable trays are hung on trapeze hangers. Rods have adequate thread engagement.*
  
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

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<sup>29</sup> 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)**

Location: Bldg. AB2 Floor El. 609 Room, Area<sup>29</sup> 140 (Sys - 4KVAC)

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   
*Fire protection piping in the area overhead. This piping is carbon dioxide piping and is not wet.*

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   
*Cables are run on the ground and overhead for the Unit 2 Cycle 21 Outage. Neither are present during normal operation.  
2-T21B3 cabinet is open for Unit 2 Cycle 21 Outage maintenance.  
Safety rescue hook on magnets on the side panel of switchgear in the area. Not a seismic concern.*

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   
*Fire extinguisher hung on wall to the left of the front of switchgear. This fire extinguisher is on a long hook and is not a seismic concern.  
2-BATLIT-405 bolted to wall above and to the left of switchgear. This battery light is adequately supported.*

**Comments** (Additional pages may be added as necessary)

*There are hoses hung on the wall behind switchgear. One hook is missing an eye bolt, however this is not a seismic concern as the main bolt for the support of the hook is in tact.*


*Area walk-by was performed on 10/11/2013.*

**Area Walk-By Checklist (AWC)**

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Location: Bldg. AB2 Floor El. 609 Room, Area<sup>29</sup> 140 (Sys - 4KVAC)

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Evaluated by: Lindsay M. Yates  Date: 1/2/14

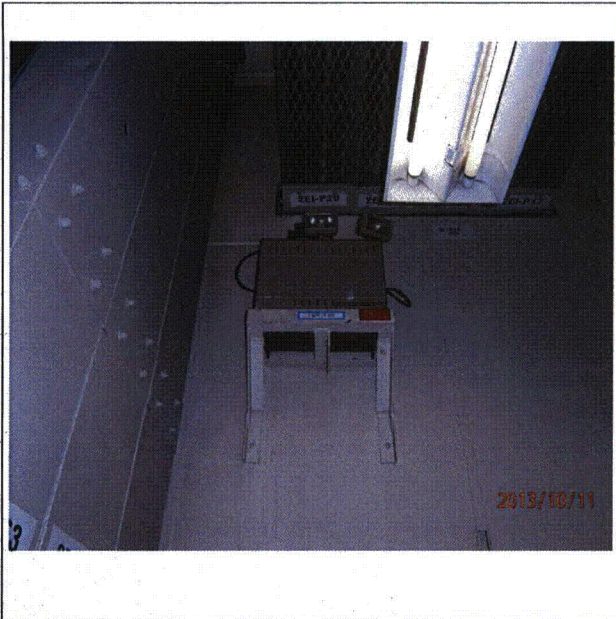
Tyler C. Blosser  1/2/14

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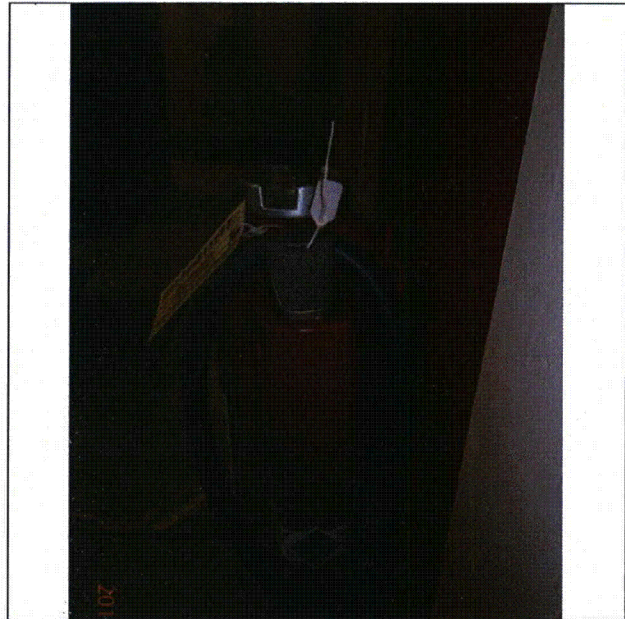
**Area Walk-By Checklist (AWC)**

Location: Bldg. AB2 Floor El. 609 Room, Area<sup>29</sup> 140 (Sys - 4KVAC)

**Photographs**



**Note:** (PA110625)



**Note:** (PA110626)



**Note:** (PA110628) Missing eyebolt in one hook, not a seismic concern.



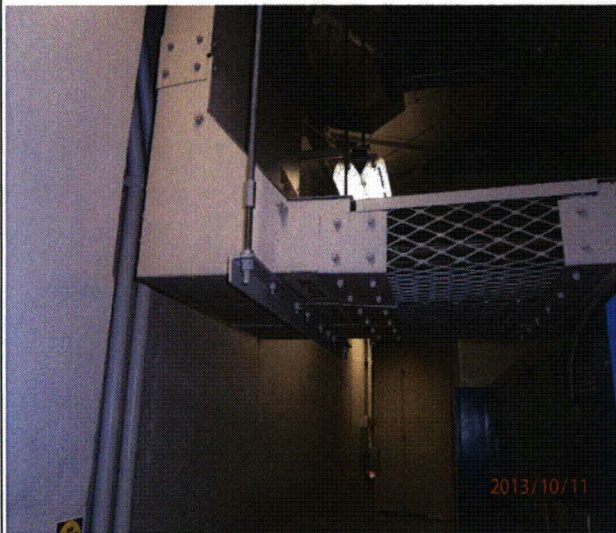
**Note:** (PA110630) Temporary power for Unit 2 Cycle 21 refueling outage.



**Note:** (PA110637)



**Note:** (PA110639)



**Note:** (PA110640)



**Note:** (PA110641)



**Area Walk-By Checklist (AWC)**

Location: Bldg. AB2 Floor El. 609 Room, Area<sup>30</sup> 200 (Sys - 2050D)

**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 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  
*Cable raceways trapeze supported overhead with adequate thread engagement on rods.*  
*Conduit well supported on unistrut on wall behind panels.*
  
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

<sup>30</sup> 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)**

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Location: Bldg. AB2 Floor El. 609 Room, Area<sup>30</sup> 200 (Sys - 2050D)

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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  
*Carbon dioxide fire protection lines rod hung overhead (pipes not wet).*

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  
*Door propped open to support other maintenance activities during the Unit 2 Cycle 21 Outage (not normally open).*

- 
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

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**Comments** (Additional pages may be added as necessary)

*Area Walk-by was performed on 10/03/2013.*

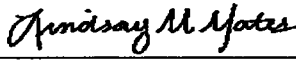
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**Area Walk-By Checklist (AWC)**

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Location: Bldg. AB2 Floor El. 609 Room, Area<sup>30</sup> 200 (Sys - 2050D)

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Evaluated by: Lindsay M. Yates  Date: 1/2/14

Tyler C. Blosser  1/2/14

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**Area Walk-By Checklist (AWC)**

Location: Bldg. AB2 Floor El. 609 Room, Area <sup>30</sup>200 (Sys - 2050D)

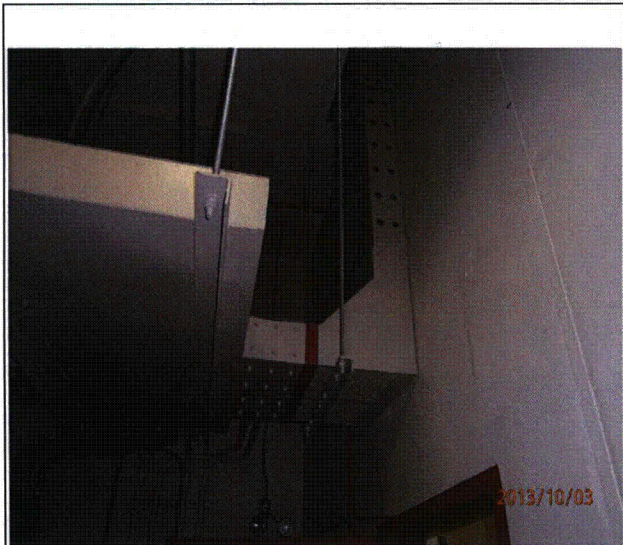
**Photographs**



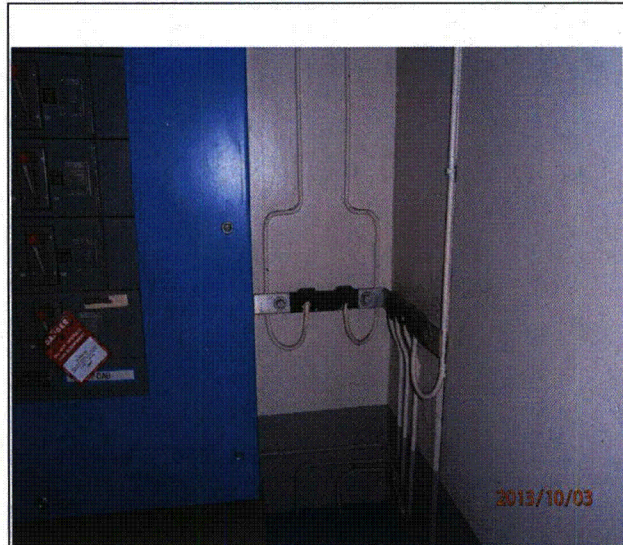
**Note:** (PA-030089)



**Note:** (PA-030091)



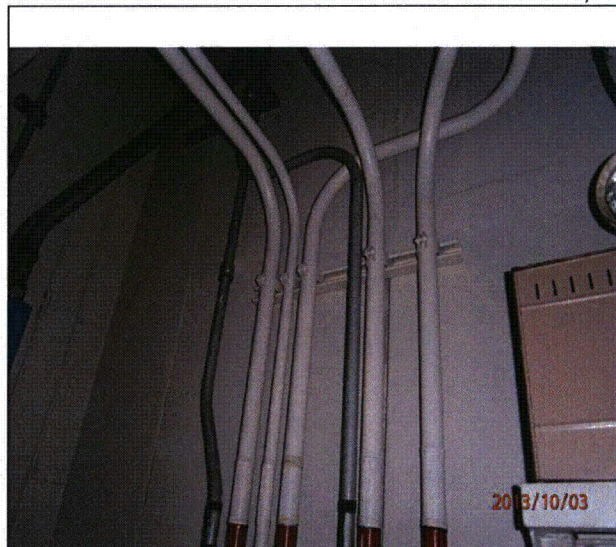
**Note:** (PA-030092) Door propped open to support Unit 2 Cycle 21 Outage work.



**Note:** (PA-030093)



**Note:** (PA-030094)



**Note:** (PA-030095)



**Note:** (PA-030096) Rope used to prop door open for Unit 2 Cycle 21 Outage work.



**Note:** (PA-030100)

Status: Y N U

**Area Walk-By Checklist (AWC)**

Location: Bldg. AB2 Floor El. 609 Room, Area<sup>31</sup>204 (Sys - 600AC)

**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 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)?  
*Overhead cable trays are hung on trapeze hangers. Rods have adequate thread engagement.* 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)?  
*Overhead lighting is rod hung. Not a seismic concern.* Y N U N/A

<sup>31</sup> 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.

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

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

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)?

*Scaffolding has been built between components 2-TR-LTG-8 and 2-TR-LTG-9N. It is tied down at the bottom and braced horizontally on the wall per the D.C. Cook scaffolding procedure, 12-MHP-5021-SCF-001. There is a cable run on the ground for Unit 2 Cycle 21 Outage work. Barrier stanchions are in place for Unit 2 Cycle 21 outage maintenance. These are not a seismic concern. There is a toolbox properly tied off on the ground.*

8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?  
*Door propped open for Unit 2 Cycle 21 Outage work.*

**Comments** (Additional pages may be added as necessary)

*Area walk-by was performed on 10/11/2013.*

Evaluated by: Lindsay M. Yates

*Lindsay M. Yates*

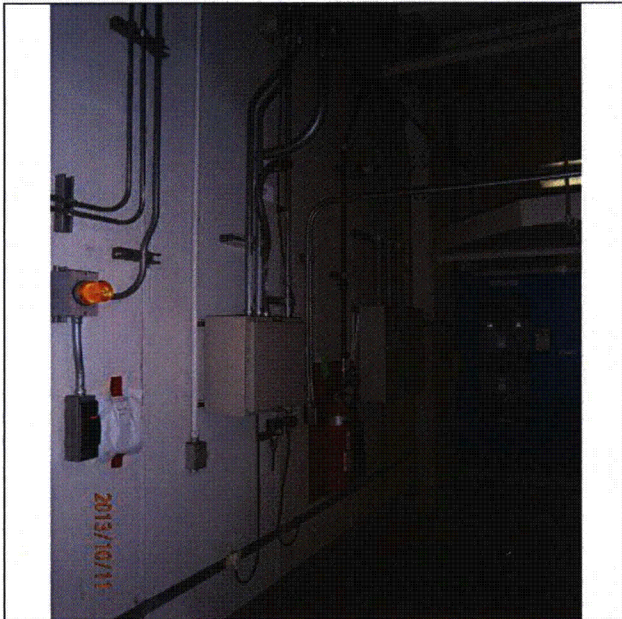
Date: 1/2/14

Tyler C. Blosser

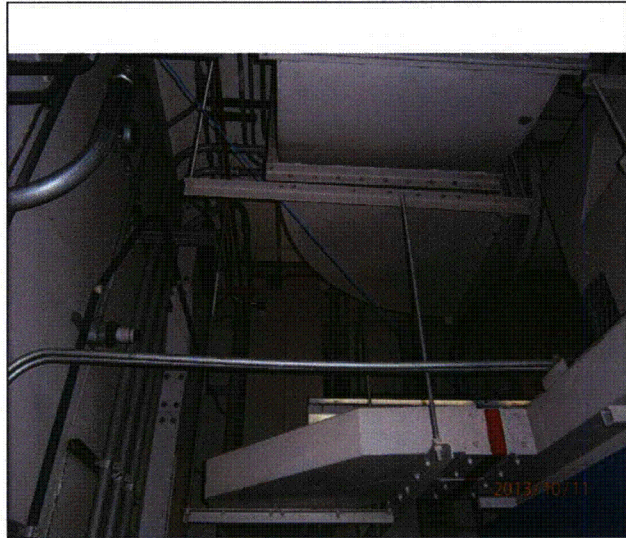
*Tyler C. Blosser*

1/2/14

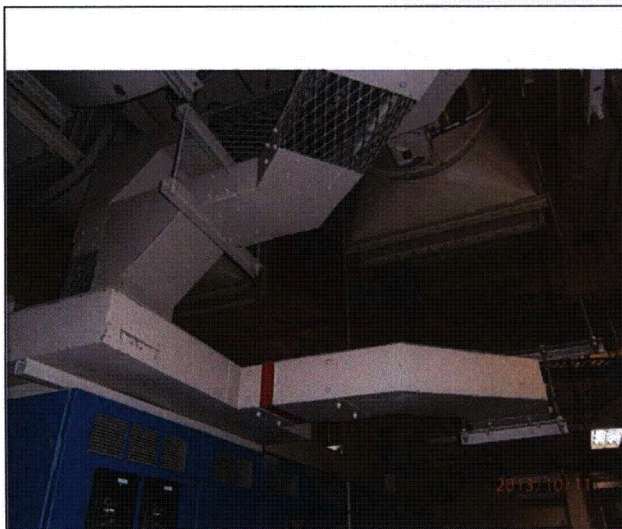
**Photographs**



**Note:** (PA110659)



**Note:** (PA110660) Cord hung for Unit 2 Cycle 21 refueling outage.

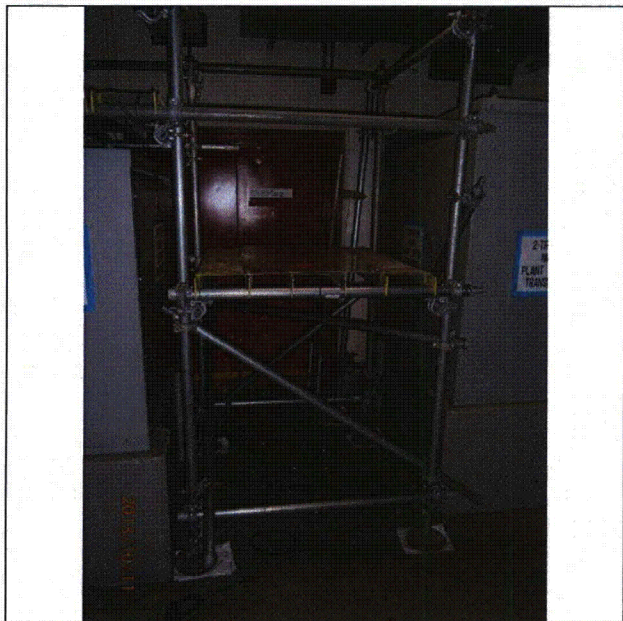


**Note:** (PA110661)

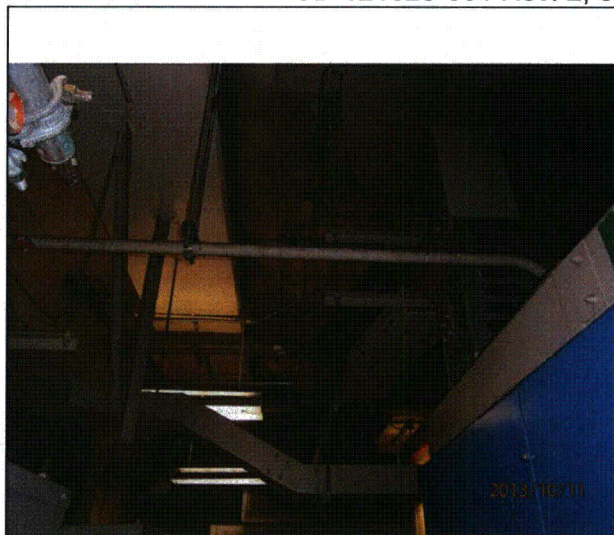


**Note:** (PA110663) Cord hung for Unit 2 Cycle 21 refueling outage.

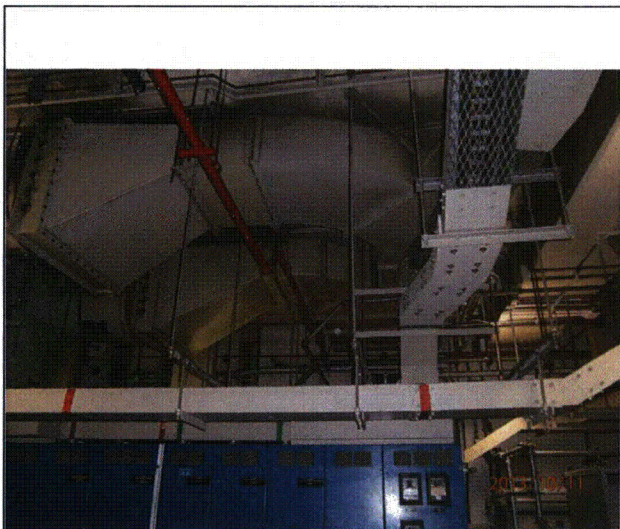




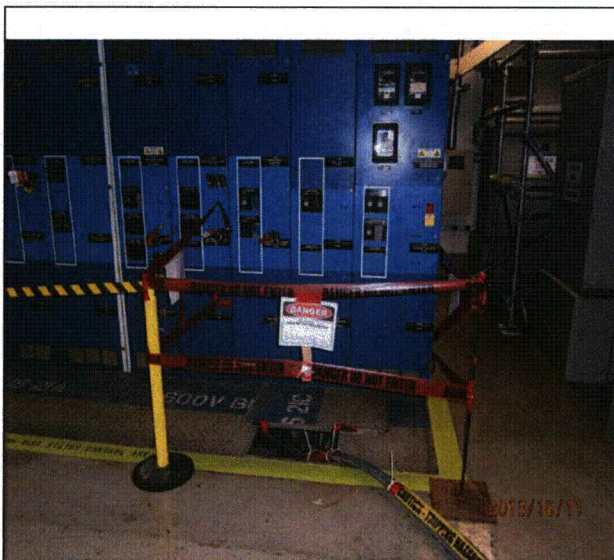
**Note:** (PA110666) Seismic scaffold anchored to the floor and braced against the wall per plant procedure.



**Note:** (PA110669)



**Note:** (PA110672)



**Note:** (PA110673) Stanchions warning of open floor grating for Unit 2 Cycle 21 refueling outage work. Not a seismic concern.

**E**

**Not Used**

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This attachment is no longer needed as all the Seismic Walkdowns and Area Walkbys for DCCNP are complete.

# F

## Peer Review Checklist

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### Peer Review Checklist for SWEL - D. C. Cook Unit 1 and Unit 2

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#### Instructions for Completing Checklist

This peer review checklist may be used to document the review of the Seismic Walkdown Equipment List (SWEL) in accordance with Section 6: Peer Review. The space below each question in this checklist should be used to describe any findings identified during the peer review process and how the SWEL may have changed to address those findings. Additional space is provided at the end of this checklist for documenting other comments.

---

1. Were the five safety functions adequately represented in the SWEL1 selection? Y  N

*The basis for how selection of equipment for the SWEL 1 is described in the SWEL Scope Development document and the basis includes a description that indicates that the 5 safety functions are represented. However, the information provided on the SWEL does not include the safety function(s) supported by each item.*

---

2. Does SWEL 1 include an appropriate representation of items having the following sample selection attributes:

- a. Various types of systems? Y  N

- b. Major new and replacement equipment? Y  N

*The basis for how selection of equipment for the SWEL 1 is described in the SWEL Scope Development document and the basis includes a description that indicates that modified and new equipment is considered. However, the information provided on the SWEL does not indicate if the equipment is new or has been modified.*

- c. Various types of equipment? Y  N

- d. Various environments? Y  N

*It appears that the equipment on the SWEL is located in various environments.*

**Peer Review Checklist for SWEL - D. C. Cook Unit 1 and Unit 2**

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e. Equipment enhanced based on the findings of the IPEEE (or equivalent) program? Y N

f. Were risk insights considered in the development of SWEL 1? Y N

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3. For SWEL 2:

a. Were spent fuel pool related items considered, and if applicable included in SWEL 2? Y N

b. Was an appropriate justification documented for spent fuel pool related items not included in SWEL 2? Y N

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4. Provide any other comments related to the peer review of the SWELs.  
*None.*

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5. Have all peer review comments been adequately addressed in the final SWEL? Y N

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Peer Reviewer #1: *Teishawan Wang* Date: 08/15/2013

Peer Reviewer #2: *Walter Djordjevic* Date: 08/15/2013