

D

Area Walk-By Checklists (AWCs)

Table D-1 provides the building, elevation, and location of each area as well as a list of SWEL items associated with each area, and page numbers of each Area Walk-By Checklist.

Table D-1. Summary of Area Walk-By Checklists

AWC-U3-xx	BLDG	ELEV	DESCRIPTION	COMPONENT ID	PAGE
1	---	534	Control Room	D03-0903-0003	D- 5
				D03-0903-0015	
				D03-0923-0005 & -0005A	
2	Turbine	517.5	Aux. Electric Equipment Room	D03-0903-0028	D- 7
				D03-0903-0039	
				D03-2203-0070A	
3	Turbine	538	Battery Charger Room	D03-8300--3---B05	D- 12
				D03-83250-3---B05	
				D03-9802A-A21-B11	
				D03-9802-A----P06	
4	Turbine	538		D03-8300--3A--B05	D- 15
5	Turbine	551	Battery Room	D03-8300--BC--B04	D- 21
				D03-83250-----B04	
6	Turbine	538		D03-7838-2----M05	D- 24
7	Turbine	528.25	U3 DG Fuel Oil Day Tank Room	D03-5202-----T05	D- 30
8	Turbine	517.5	U3 Diesel Generator Room	D03-2253-0010	D- 33
				D03-2253-0021	
				D03-4600-B----T05	
				D03-5203-----P30	
				D03-6601-----G05	
				D03-DGCP	
D03-NGC					
9	Turbine	534		D03-7839-2----M05	D- 39
10	Turbine	495		D03-1501-0044AP30	D- 43
11	Reactor	517.5	West CRD/HCU Bank	D03-0302-0019AV27	D- 47
				D03-0305-0010-0031-0125-A10	
				D03-0305-0010-0031-0126-V05	
				D03-0305-0010-0031-0127-V05	
				D03-0305-0010-0031-H20	
				D03-0305-0030-0043-0125-A10	
				D03-0305-0030-0043-0126-V05	
				D03-0305-0030-0043-0127-V05	
				D03-0305-0030-0043-H20	
D03-2203-0008					

AWC-U3-xx	BLDG	ELEV	DESCRIPTION	COMPONENT ID	PAGE
12	Reactor	517.5	East CRD/HCU Bank	D03-0302-0082B-LT	D- 53
				D03-0302-0082E-LT	
				D03-0305-0046-0031-0125-A10	
				D03-0305-0046-0031-0126-V05	
				D03-0305-0046-0031-0127-V05	
				D03-0305-0046-0031-H20	
				D03-0305-0058-0023-0125-A10	
				D03-0305-0058-0023-0126-V05	
				D03-0305-0058-0023-0127-V05	
				D03-0305-0058-0023-H20	
				D03-1501-0021AV20	
13	Reactor	504.5	U2/3 DG Room Near Local Control Panels	D00-DGCP	D- 59
14	Cribhouse	490.67		D03-3903-----P30	D- 66
15	Reactor	476.5	Torus	D03-1501-0021AV20	D- 77
16	Reactor	517.5		D03-7838-1-1--P06	D- 79
17	Reactor	476.5	SE Corner Room Gallery	D03-1501-0003AV20	D- 84
				D03-1501-0032AV20	
				D03-1503-A----H15	
				D03-5746-A----H15	
18	Reactor	476.5	SE Corner Room Basement	D03-1502-A----P30	D- 95
				D03-1599-0013AV26	
19	Reactor	476.5	HPCI Room	D03-2301-0003-V20	D- 104
				D03-2302-----P30	
				D03-2301-0006-V20	
				D03-2301-0035-V20	
				D03-2301-0057-P30	
				D03-2320-GSCE-F05	
				D03-2380-----PSH	
D03-5747-----H15					
20	Reactor	570		D03-7338-----S35	D- 110
				D03-7338-----T10	
				D03-7339-----S35	
				D03-8303A-----M05	
				D03-8303B-----M05	
D03-83125-----P06					
21	Reactor	570		D03-1601-0024-V05	D- 115
22	Reactor	545.5		D03-2253-0084	D- 117
				D03-67341-----S35	
23	Reactor	545.5		D03-2203-0006	D- 123

Table D-1 Page 2 of 3

AWC-U3-xx	BLDG	ELEV	DESCRIPTION	COMPONENT ID	PAGE
24	Reactor	570	Fuel Pool Cooling Room	D03-1601-0023-V05	D- 131
				D03-1601-0062-V05	
25	Reactor	504.5	U2/3 DG Room (Unit 2 area walk-by)	D00-2223-0109	D- 134
				D00-ACP	
				D00-NGC	
26	Reactor	517.5	Shutdown Cooling Pump Room	D03-1001-0002AV20	D- 136
27	Reactor	517.5	TIP Room	D03-0409-A----T05	D- 139
28	Reactor	476.5	Torus	D03-1541-----A-FE	D- 141
				D03-1601-0057-V20	
29	Turbine	517.5	U2 RFP Room (Unit 2 area walk-by)	D00-2350-C-----LS	D- 146
30	Reactor	570	RWCU Demin Valve Room	D03-1601-0063-V05	D- 149
31	Turbine	534	Ventilation Room (Unit 2 area walk-by)	D00-5741-0048BV72	D- 151
				D00-9400-0102-R15	
				D00-9400-0104BF05	
32	Turbine	538	(Unit 2 area walk-by)	D03-2203-0073A	D- 153
33	Reactor	476.5	Torus	D03-1001-0005AV20	D- 157

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-01

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)?
Light fixtures judged to be acceptable. 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
-

Status: Y N U

Area Walk-By Checklist (AWC)

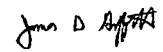
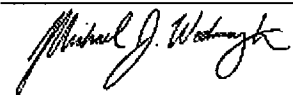
Location (Bldg, Elev, Room/Area): AWC-U3-01

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

Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/30/12

For photographs, see SWCs for D03-0903-0003, -0015, D03-0923-0005, and -0005A.

Evaluated by:  James Griffith Date: 10/24/2012
 Michael Wodarczyk 10/24/2012

Photos

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-02

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 appears 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
Temporary light fixture tethered with cord and with redundant supports to permanent light fixtures and judged to be acceptable.
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-02

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
IR 1395481:

PANEL 902-28 WITH DOORS THAT DO NOT LATCH

While performing NRC required NTTF (near term task force) seismic walkdowns, Panel 903-28 was found unlatched per IR 01394831. The FIN Team performed a corrective remedial repair of cabinet door 903-28 and then checked the Unit 2 side, Panel 902-28 (located in the front part of the Aux Electric room at elevation 517'-6"). Panel 902-28 was found in the same condition as U3; namely, the opening device is a push button operated without a handle that requires a key to engage the latches. The FIN Team performed remedial repairs on cabinet door 902-28 in addition to 903-28 on 07/30/12. Operations was unsuccessful in finding a key for the U2 in addition to the U3 doors.

This IR was generated to document unsecured latches for Unit 2 Panel 902-28.

As an interim measure, the doors have been secured (taped shut) to prevent movement during a seismic event. In addition, a satisfactory "tug test" on the secured doors was performed by two SQUG-qualified engineers. This interim solution is judged to be acceptable and has been accepted by Operations (Shift Manager).

IR 1395498:

DATA AQUISITION CABINET 1 & 2 DOOR DO NOT LATCH

While performing NRC required NTTF (near term task force) seismic walkdowns, Panels 903-28 and 902-28 were found unlatched per IRs 01394831 & 01395481 respectively.

An extent of condition walkdown was performed in the Aux Electric room at elevation 517'-6" to see if there are other unsecured panel latches. The "Data Aquisition Cabinet #1 & #2" doors were found in similar conditions as those above; namely, the opening device is a button without a handle that requires a key to engage the latches. There are no other panels/cabinets in the Aux Electric room besides those identified above that have the key operated latches.

This IR was generated to document unsecured latches for Data Aquisition Cabinets #1 & #2. These panels are not safety related and since they are by themselves, they have no spatial seismic interaction issues with other cabinets in the Aux Electric room. Therefore, they are judged to not be a seismic interaction concern.

Comments

Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/30/12

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-02

Evaluated by: *James D. Griffith* James Griffith

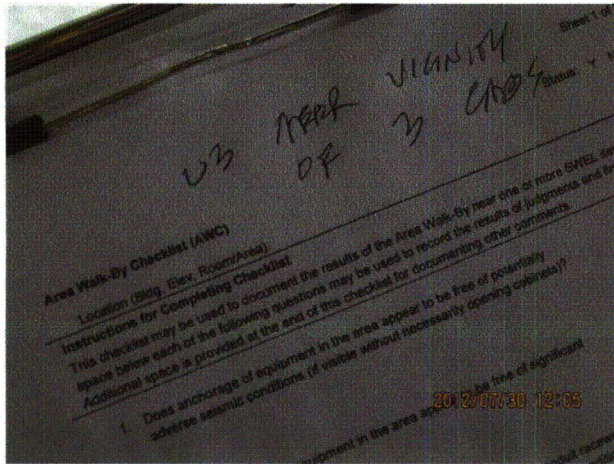
Date: 9/30/2012

Michael J. Wodarczyk

Michael Wodarczyk

9/30/2012

Photos



20120730-Dresden-3 141



20120730-Dresden-3 142



20120730-Dresden-3 143

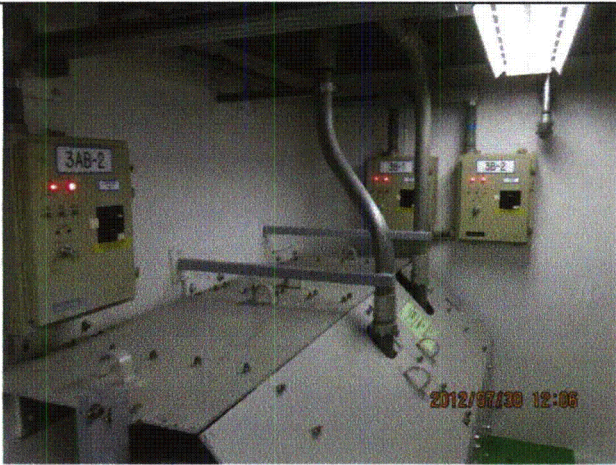


20120730-Dresden-3 144

Status: Y N U

Area Walk-By Checklist (AWC)

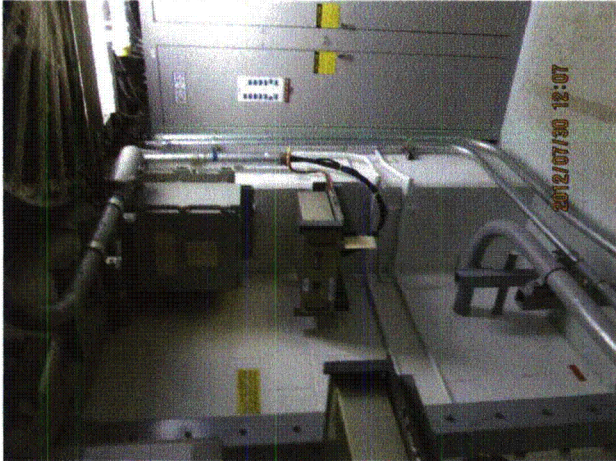
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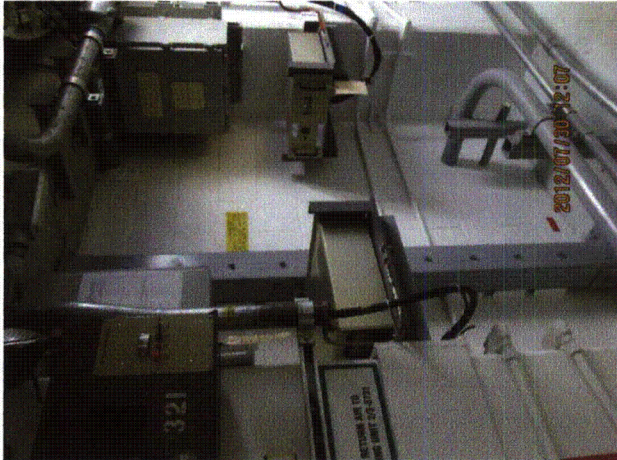
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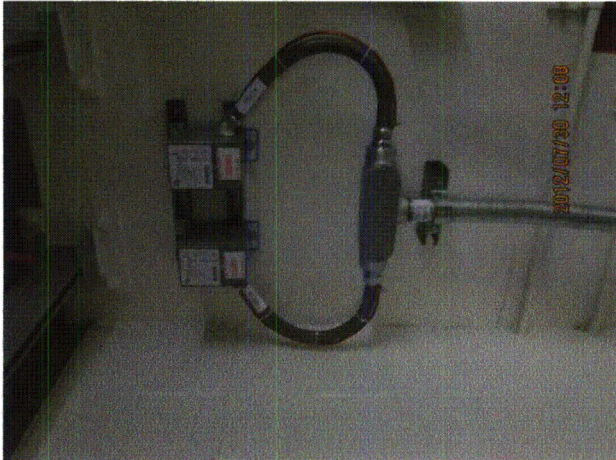
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20120730-Dresden-3 149

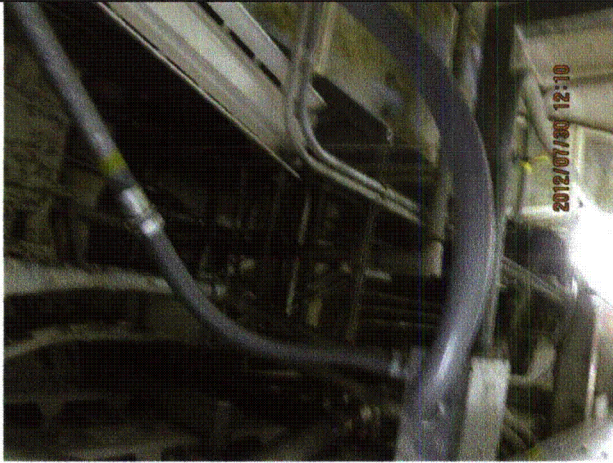


20120730-Dresden-3 150

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-02



20120730-Dresden-3 151



20120730-Dresden-3 152



20120730-Dresden-3 153

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-03

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 appears 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)?
Light fixtures judged to be acceptable. Yes

 5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?
Room heater and associated piping judged to be adequately supported. 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
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-03

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

Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/30/12

Evaluated by: James D. Griffith James Griffith

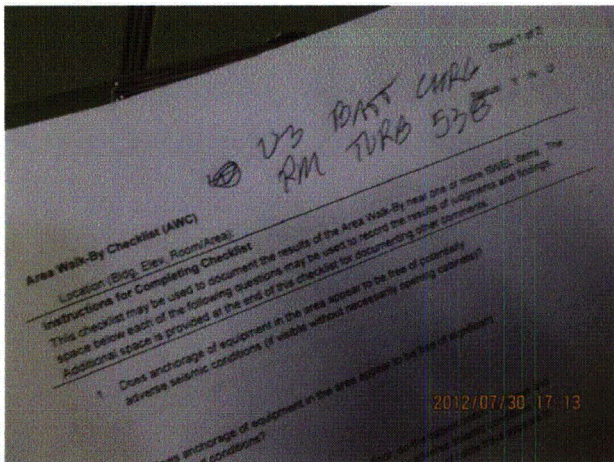
Date: 9/30/2012

Michael J. Wodarczyk

Michael Wodarczyk

9/30/2012

Photos



20120730-Dresden-3 211



20120730-Dresden-3 212

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-03



20120730-Dresden-3 213



20120730-Dresden-3 214

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-04

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 appears 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?
Threaded fire pipe is well-supported and judged to be acceptable. Yes

 6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area?
Gas bottle is well-restrained and judged to be acceptable. 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
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-04

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: James Griffith

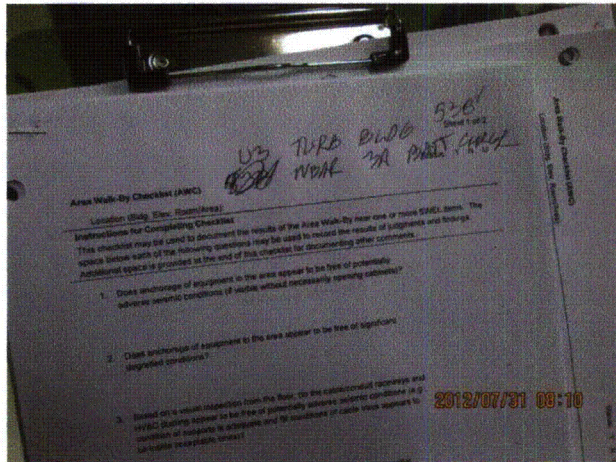
Date: 9/30/2012

Michael J. Wodarczyk

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9/30/2012

Photos



20120731-Dresden-3 017



20120731-Dresden-3 018



20120731-Dresden-3 019

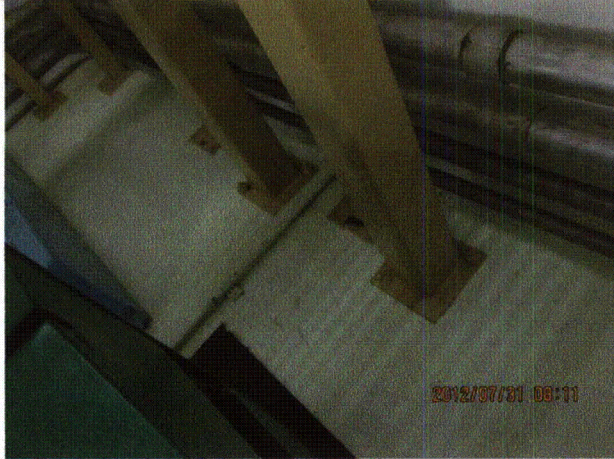


20120731-Dresden-3 020

Status: Y N U

Area Walk-By Checklist (AWC)

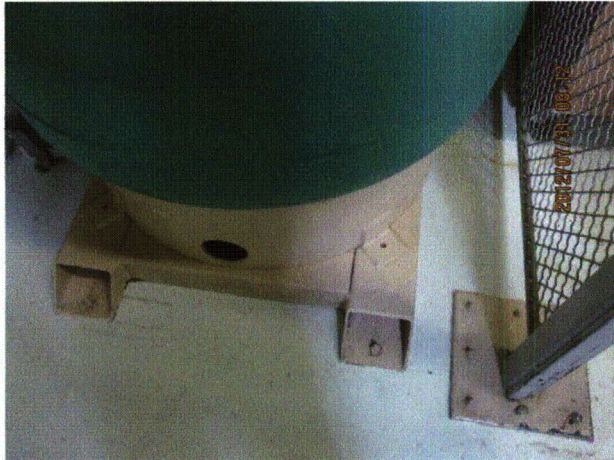
Location (Bldg, Elev, Room/Area): AWC-U3-04



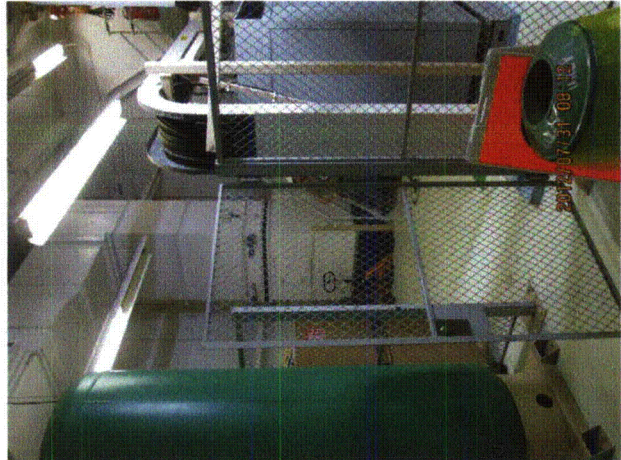
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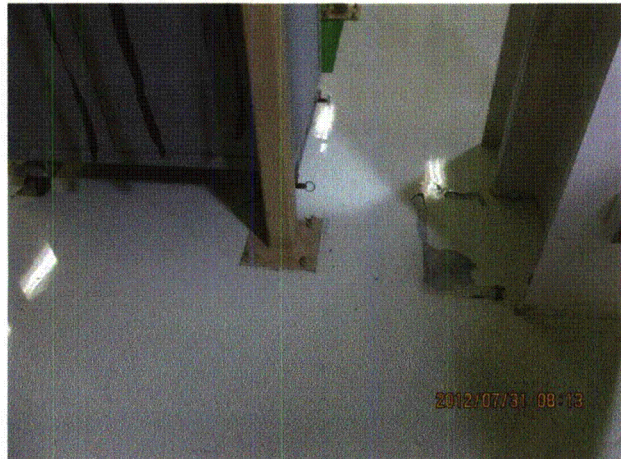
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20120731-Dresden-3 025



20120731-Dresden-3 026

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-04



20120731-Dresden-3 027



20120731-Dresden-3 028



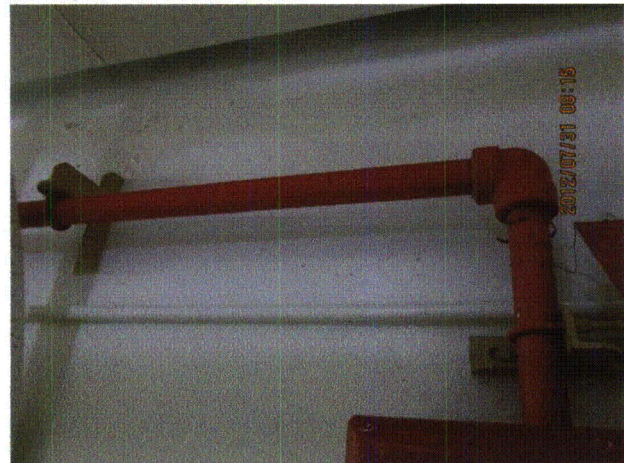
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20120731-Dresden-3 030



20120731-Dresden-3 031



20120731-Dresden-3 032

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-04



20120731-Dresden-3 033



20120731-Dresden-3 034

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-04



20120731-Dresden-3 035

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-05

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 appears 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
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-05

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

Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/31/2012

Evaluated by: James D. Griffith James Griffith

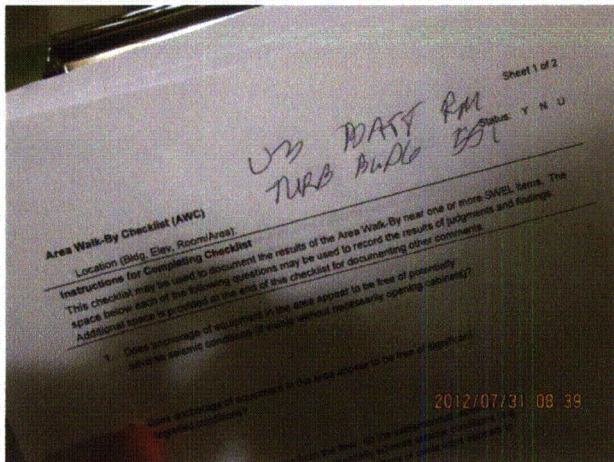
Date: 9/30/2012

Michael J. Wodarczyk

Michael Wodarczyk

9/30/2012

Photos



20120731-Dresden-3 077



20120731-Dresden-3 078

Status: Y N U

Area Walk-By Checklist (AWC)

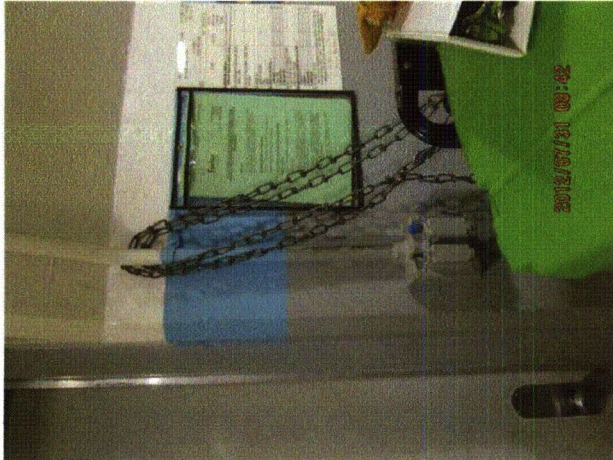
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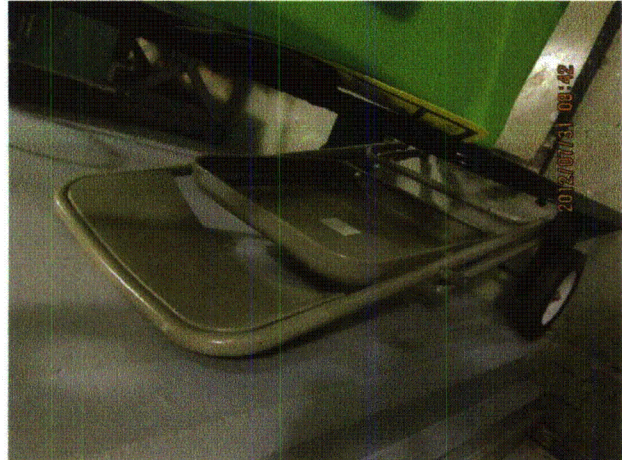
20120731-Dresden-3 079



20120731-Dresden-3 080



20120731-Dresden-3 081



20120731-Dresden-3 082

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-06

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 appears 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)?
Duct hanger rods near trays judged acceptable. Yes

 5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area?
Threaded fire pipe is well-supported and judged to be acceptable. 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)?
Scaffold adequately restrained to wall and ceiling. Carts chocked; distance between carts and equipment adequate. Yes
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-06

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

Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/31/2012

Evaluated by: James D. Griffith James Griffith

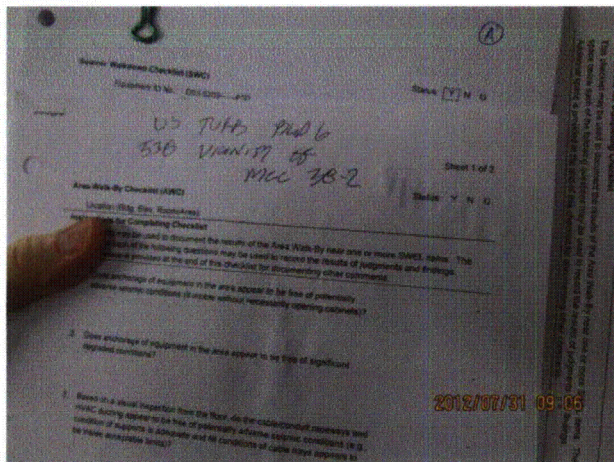
Date: 9/30/2012

Michael J. Wodarczyk

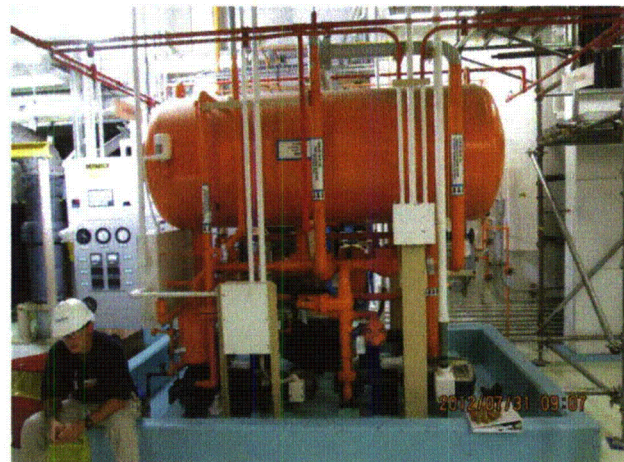
Michael Wodarczyk

9/30/2012

Photos



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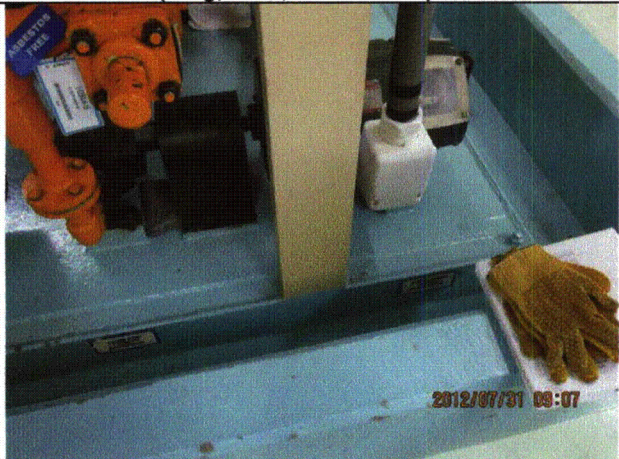


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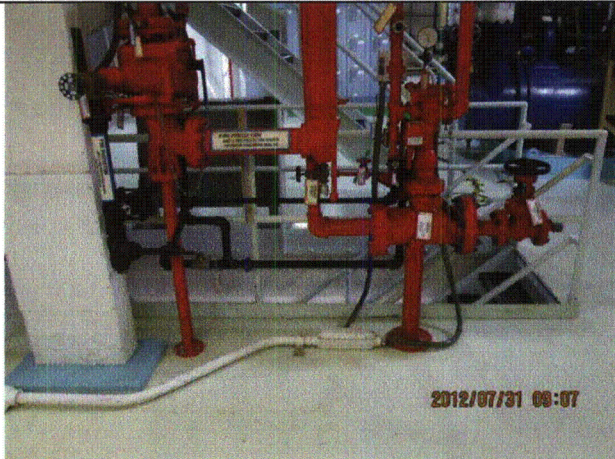
Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-06



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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-06



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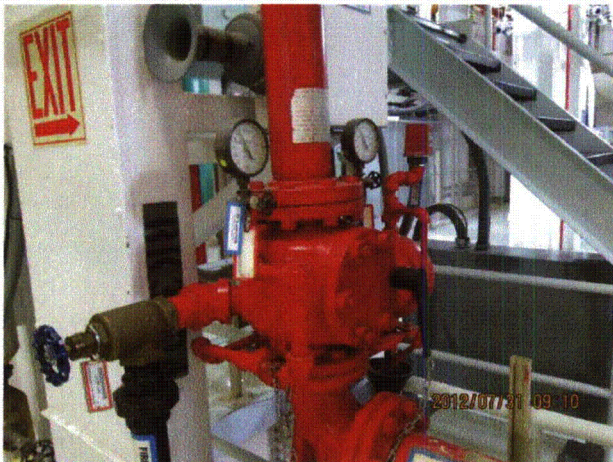
20120731-Dresden-3 118



20120731-Dresden-3 119



20120731-Dresden-3 120



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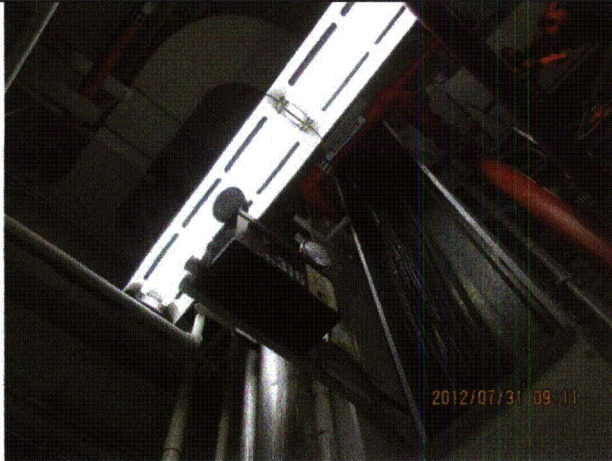


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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-06



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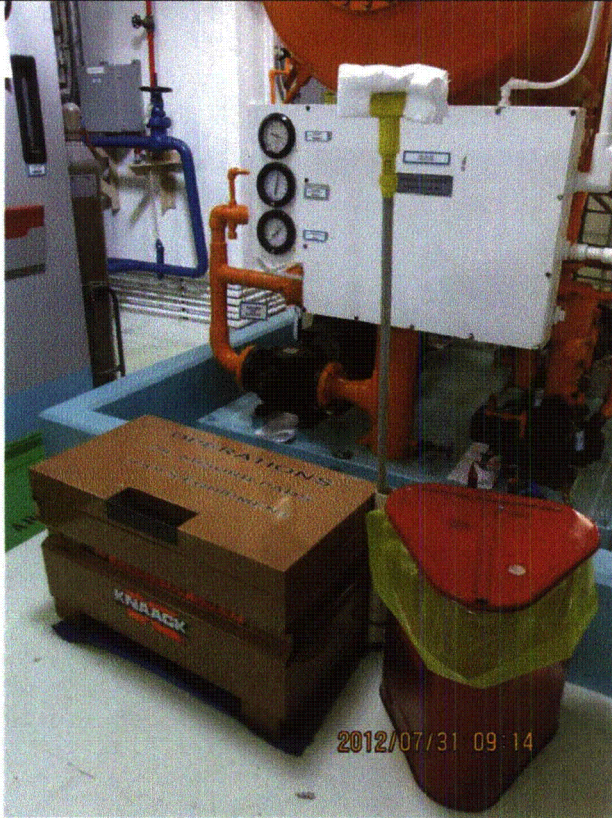


20120731-Dresden-3 128

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-06



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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-07

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 appears 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
Some pipes close together; judged acceptable due to flexibility of the pipes.

 5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Yes
Threaded fire piping is well-supported and judged to be acceptable.

 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
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-07

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

Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/31/2012

Evaluated by: *James D. Griffith* James Griffith

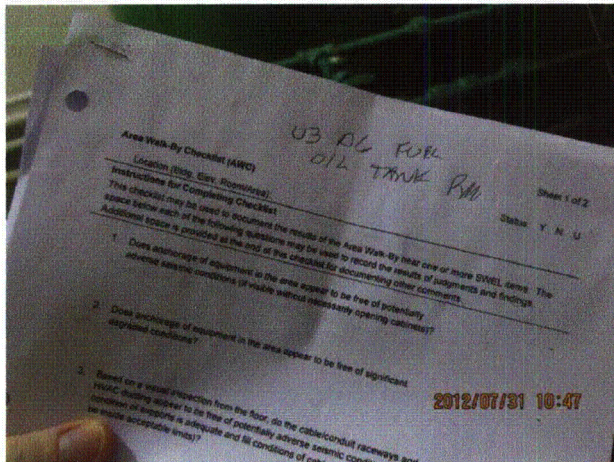
Date: 9/30/2012

Michael J. Wodarczyk

Michael Wodarczyk

9/30/2012

Photos

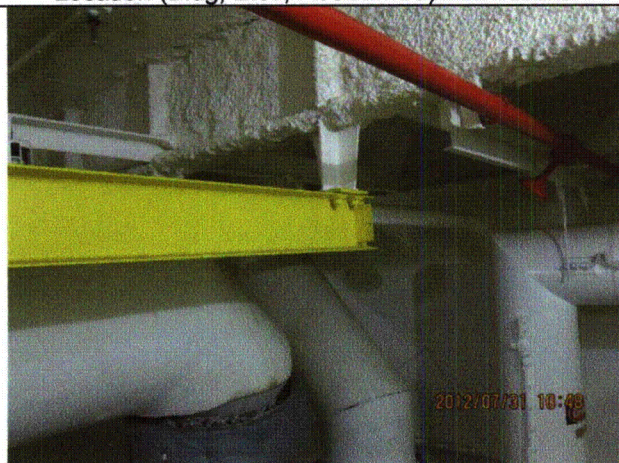


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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-07



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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-08

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 appears 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
Small separation between pipes in various locations. Pipes are robust and/or flexible and are judged acceptable.

 5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Yes
Threaded fire pipe is well-supported and judged to be acceptable.

 6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Yes
Oil leakage rags; judged acceptable due to small amount of material.

 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
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-08

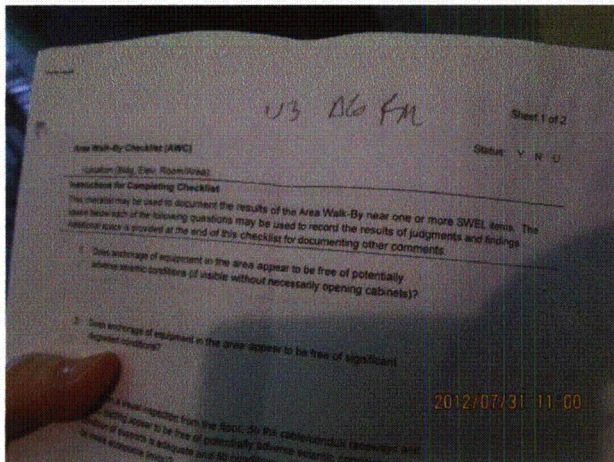
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Yes

Comments

Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/31/2012

Evaluated by: James D. Griffith James Griffith Date: 9/30/2012
Michael J. Wodarczyk Michael Wodarczyk 9/30/2012

Photos



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Status: Y N U

Area Walk-By Checklist (AWC)

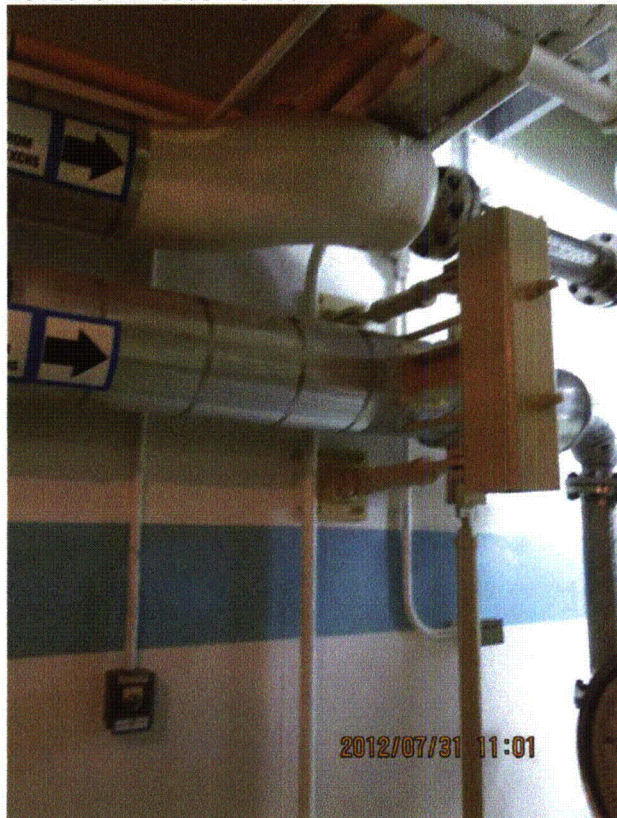
Location (Bldg, Elev, Room/Area): AWC-U3-08



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20120731-Dresden-3 254



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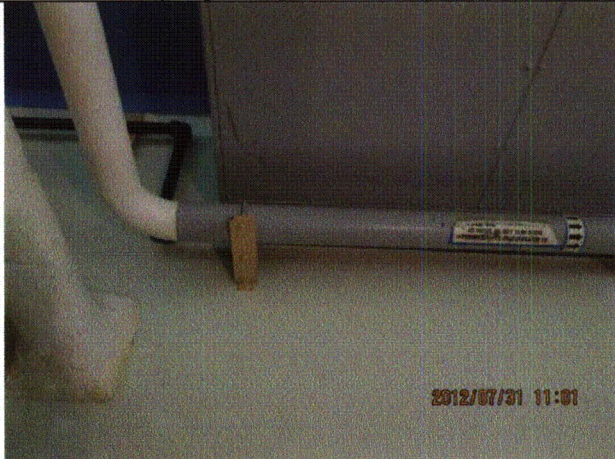


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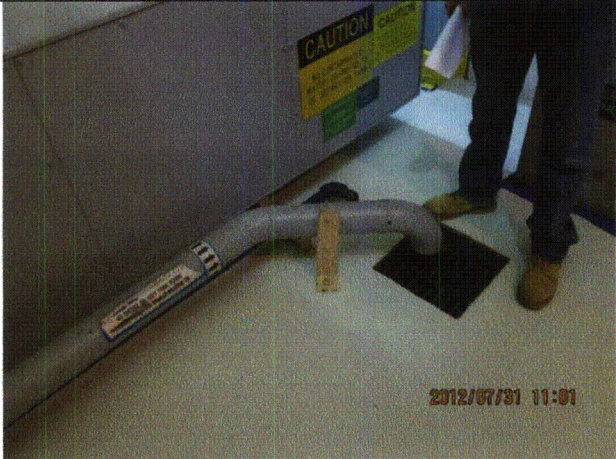
Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-08



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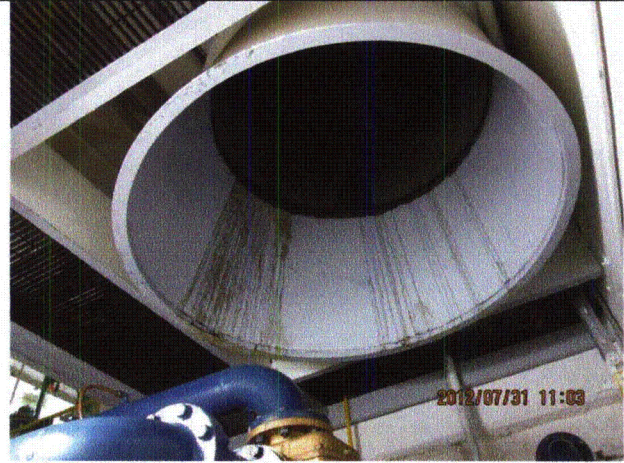
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Area Walk-By Checklist (AWC)

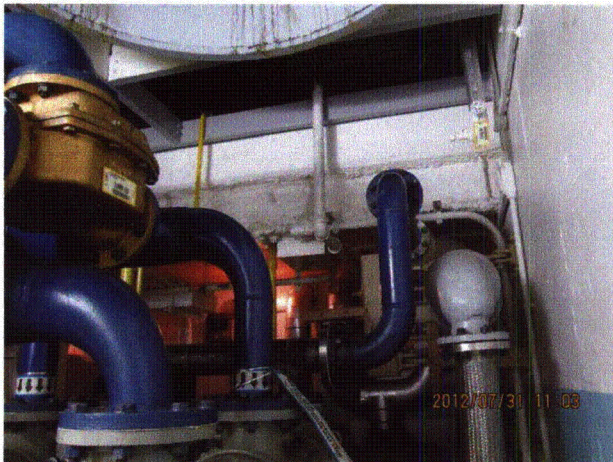
Location (Bldg, Elev, Room/Area): AWC-U3-08



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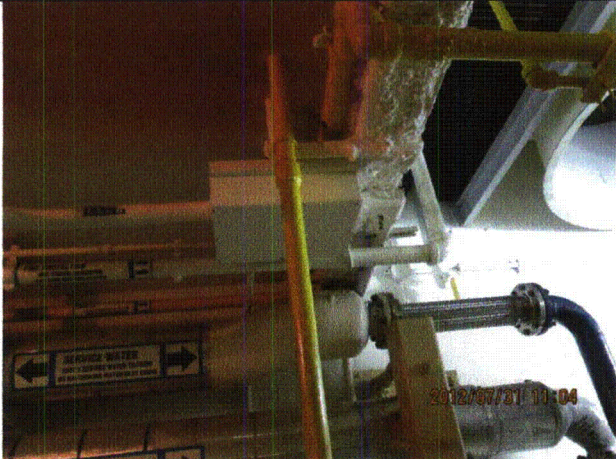
Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-08



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20120731-Dresden-3 266

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-09

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
Minor lack of thread engagement in some anchorages judged acceptable.

 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 appears 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
Threaded fire pipe well-supported and judged to be acceptable.

 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
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-09

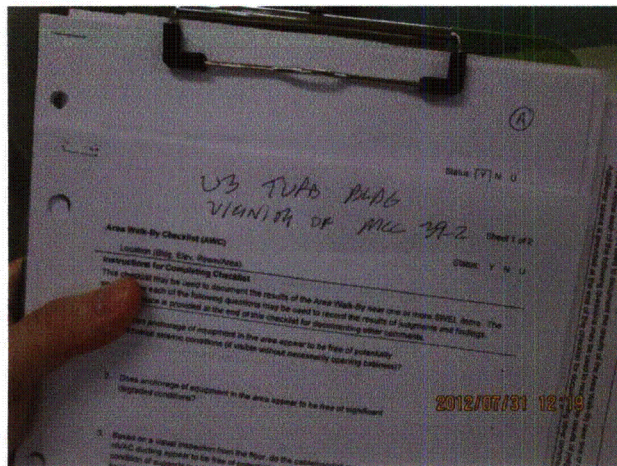
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Yes

Comments

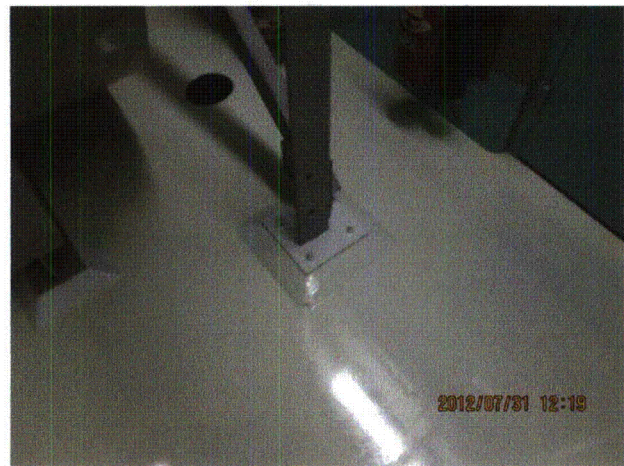
Seismic Walkdown Team: J. Griffith & M. Wodarcyk - 7/31/2012

Evaluated by: James D. Griffith James Griffith Date: 9/30/2012
Michael J. Wodarcyk Michael Wodarcyk 9/30/2012

Photos



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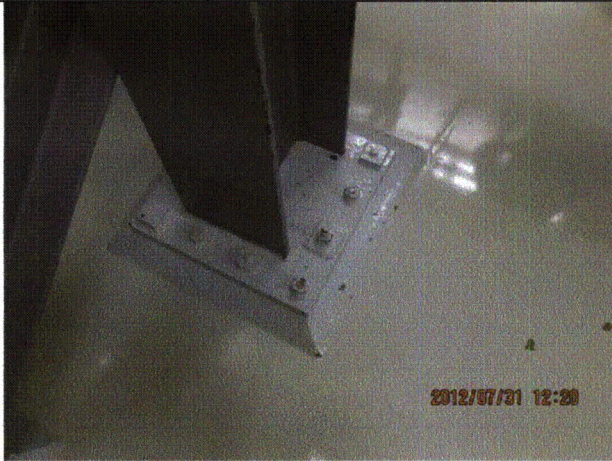


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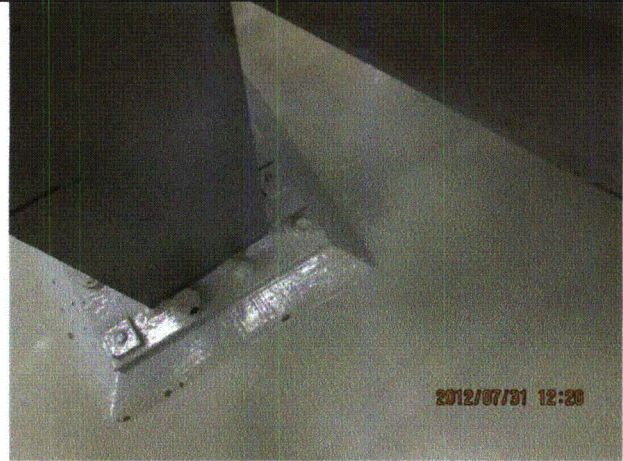
Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-09



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20120731-Dresden-3 289



20120731-Dresden-3 290



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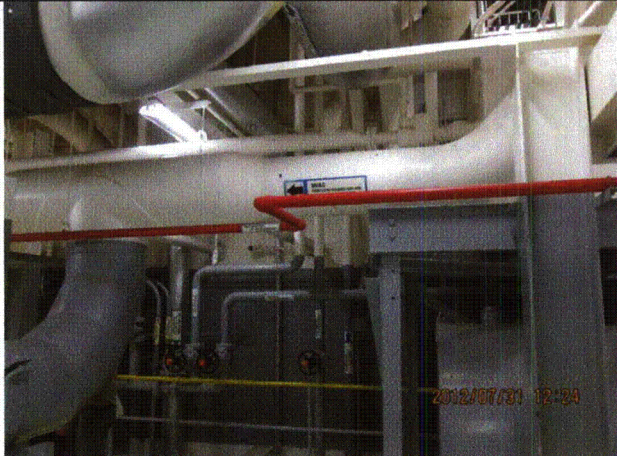


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Status: Y N U

Area Walk-By Checklist (AWC)

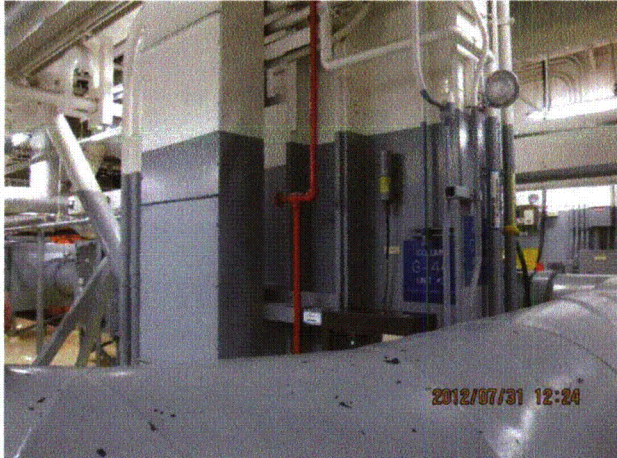
Location (Bldg, Elev, Room/Area): AWC-U3-09



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20120731-Dresden-3 296



20120731-Dresden-3 297

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-10

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 appears to be inside acceptable limits)? Yes
Pipe close to rod supports judged acceptable due to inherent flexibility.

 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
Emergency lights are adequately restrained.

IR 1395486:

During the Seismic Walkdowns it was identified that a light fixture had an open S-hook on one of the two chains on the north side of the fixture. However, the other chain at the same end of the fixture had an S-hook that was securely clamped shut. Therefore, the fixture is judged to be acceptable.

 5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Yes
Threaded fire pipe well-supported and judged to be acceptable.

 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
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-10

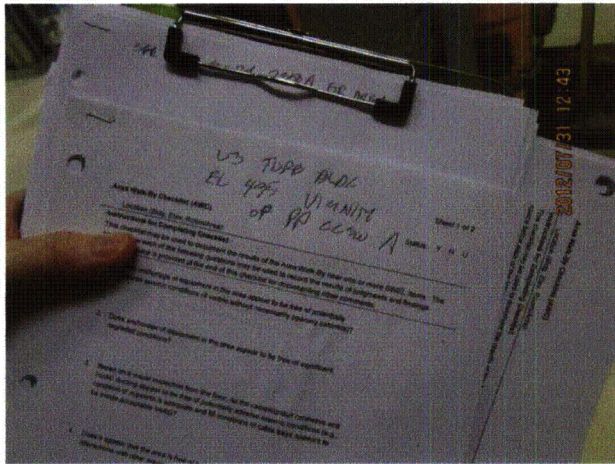
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Yes

Comments

Seismic Walkdown Team: J. Griffith & M. Wodarcyk - 7/31/2012

Evaluated by: James Griffith Date: 9/30/2012
Michael J. Wodarcyk Michael Wodarcyk 9/30/2012

Photos



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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-10



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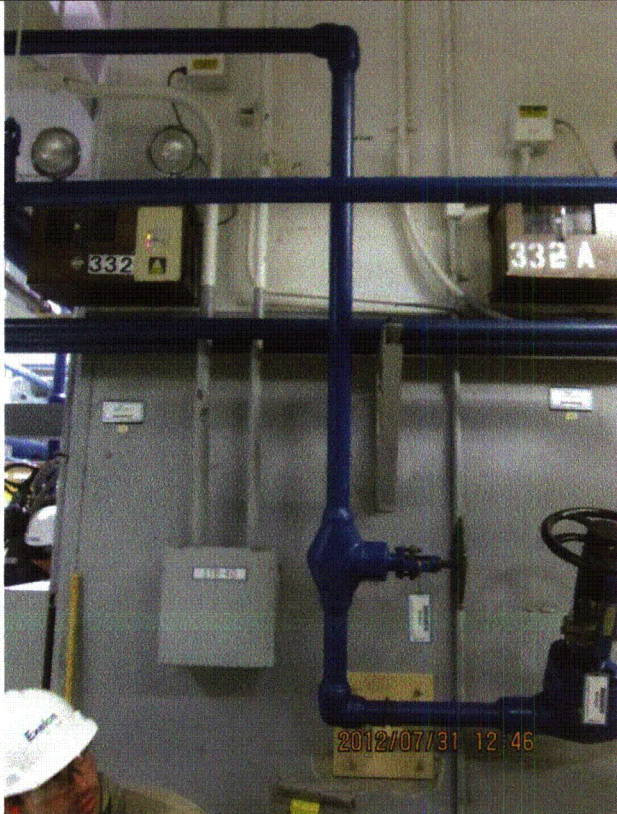


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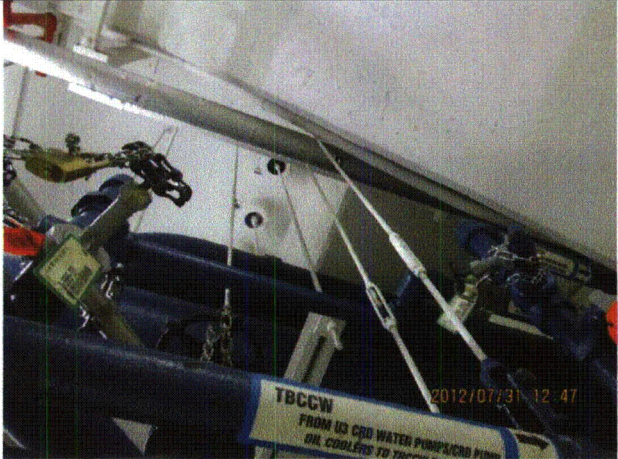
Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-10



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20120731-Dresden-3 330



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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-11

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
Welded pipe judged to be acceptable.

 6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Yes
Gas bottles chained adequately.
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-11

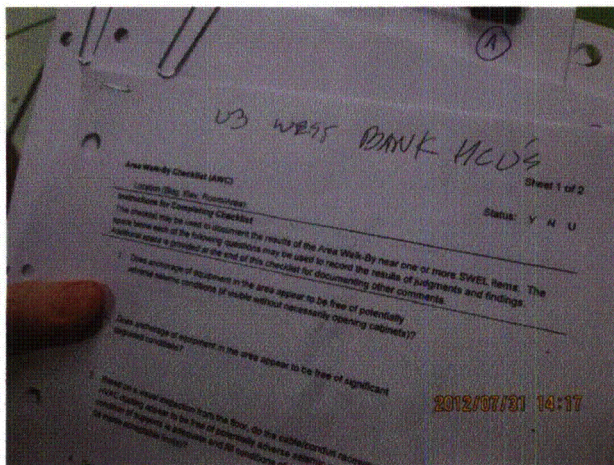
7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Yes
Electronic Radiation Protection sign:
- 1) Sign is greater than its height away from HCU banks and MCC 39-1.
 - 2) Base of HCU banks and MCC 39-1 will protect against sliding contact if RP sign were to overturn.
 - 3) Cable riser in the vicinity is rugged.
- RP sign as found is judged to be acceptable.*
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Yes
Missing support clamp on copper pipe near Valve 3-302-20B. Condition judged to be acceptable based on totality of piping system support. See IR 1395804.

Comments

Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/31/2012

Evaluated by: James D. Griffith James Griffith Date: 10/24/2012
Michael J. Wodarczyk Michael Wodarczyk 10/24/2012

Photos



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Status: Y N U

Area Walk-By Checklist (AWC)

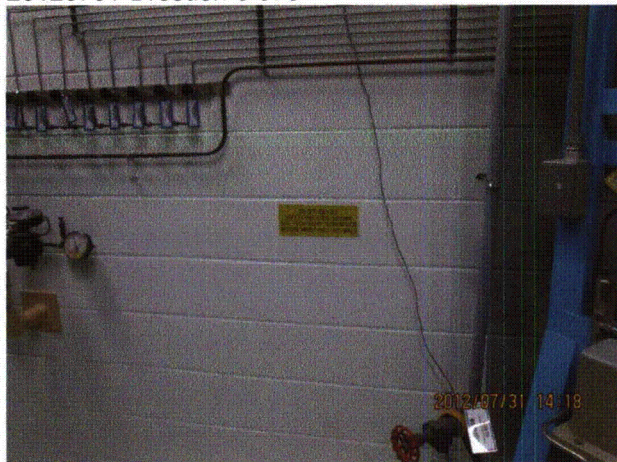
Location (Bldg, Elev, Room/Area): AWC-U3-11



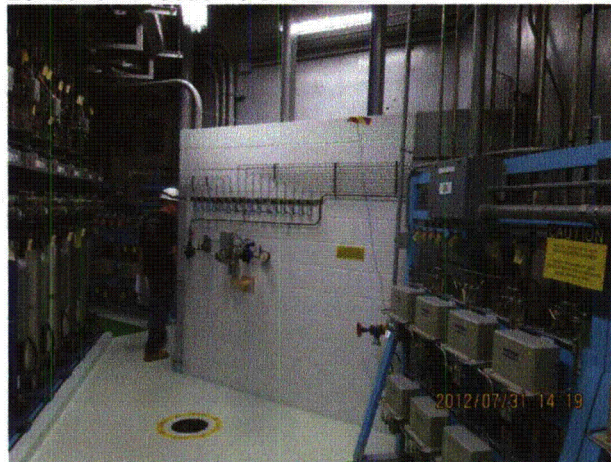
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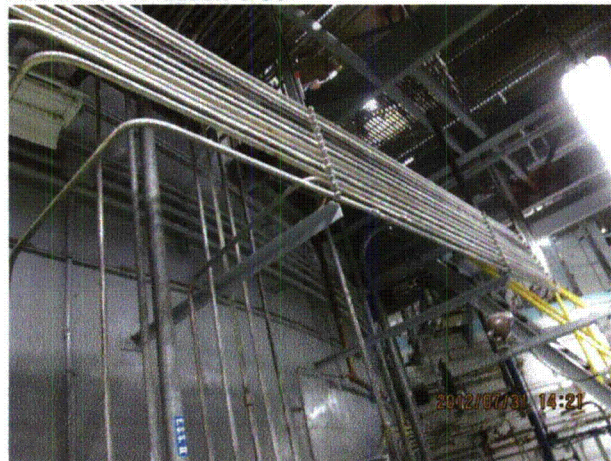
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20120731-Dresden-3 381



20120731-Dresden-3 382

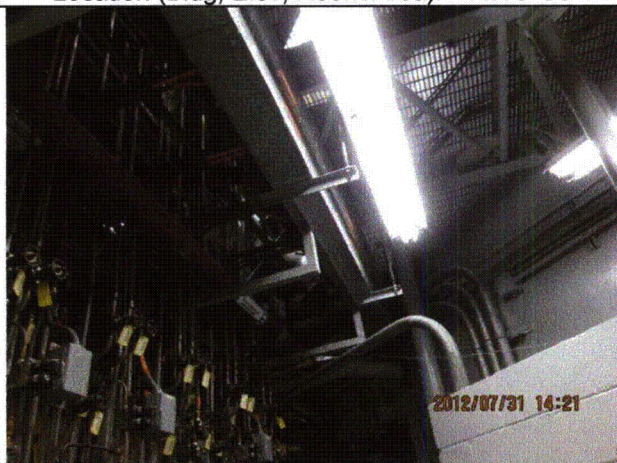


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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-11



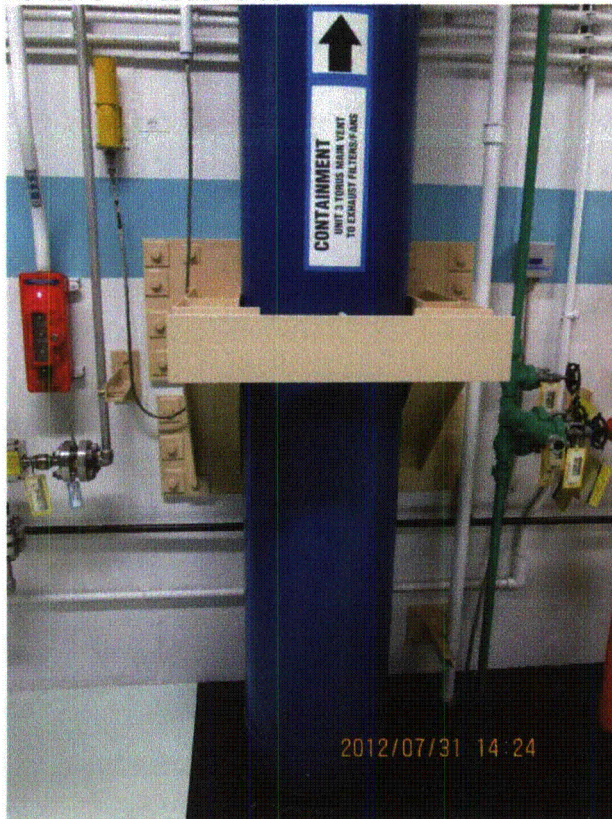
20120731-Dresden-3 386



20120731-Dresden-3 387



20120731-Dresden-3 388



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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-11



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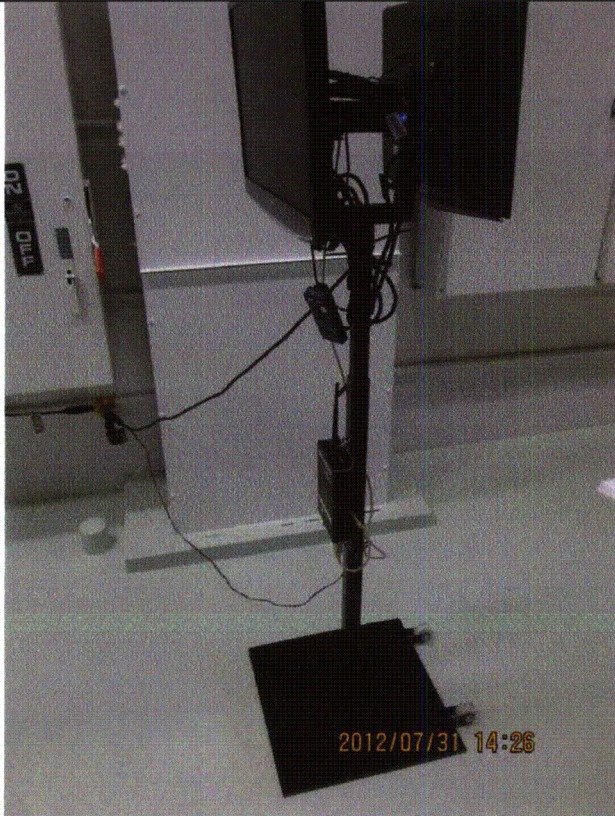


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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-11



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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-12

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
Abandoned light fixture support is skewed. Support judged acceptable because it is trapped between pipes and cannot fall, and because it is anchored to the wall.

 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
Piping is welded and/or well-supported and judged to be acceptable.

 6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Yes
Gas bottles chained adequately.
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-12

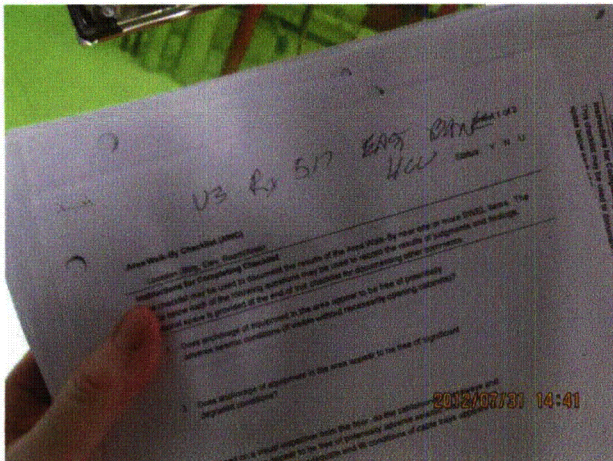
- | | |
|--|------------|
| <p>7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)?
 <i>Overhead hoist chain near MCC:</i></p> <p>1) <i>Weight of chain piled on floor prevents sway.</i></p> <p>2) <i>Hook clipped to fence near torus ladder prevents sway.</i></p> <p><i>Hoist chain is judged acceptable.</i></p> | <p>Yes</p> |
| <p>8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area?</p> | <p>Yes</p> |

Comments

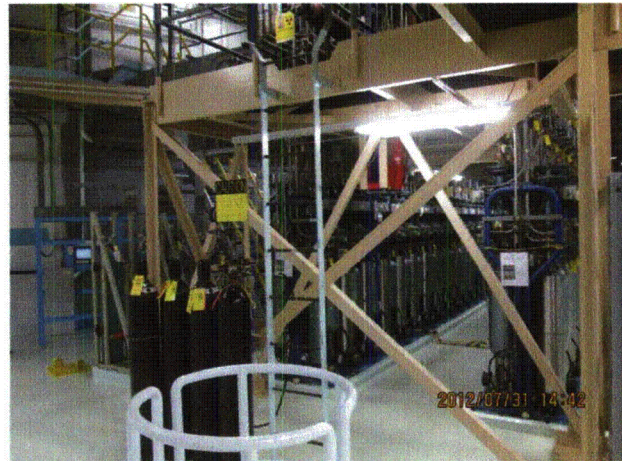
Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/31/2012

<p>Evaluated by: <u>James D. Griffith</u> James Griffith</p> <p><u>Michael J. Wodarczyk</u> Michael Wodarczyk</p>	<p>Date: <u>10/24/2012</u></p> <p><u>10/24/2012</u></p>
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Photos



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Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-12



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20120731-Dresden-3 419



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20120731-Dresden-3 421

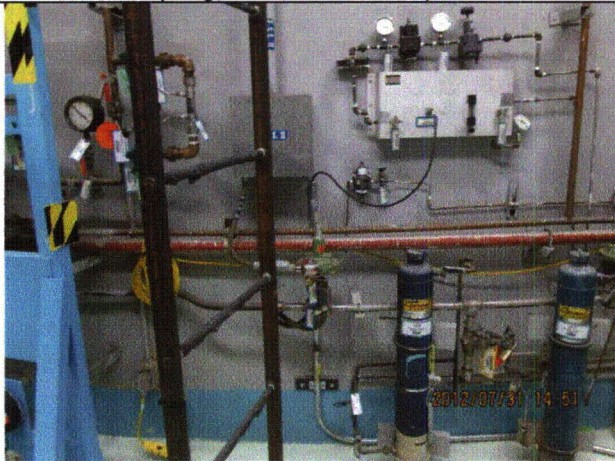


20120731-Dresden-3 425

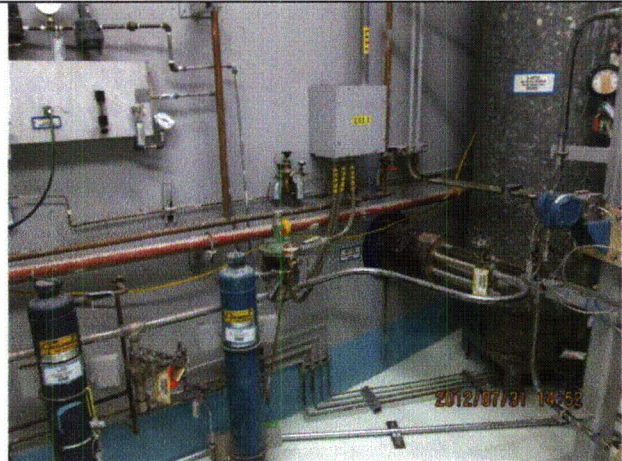
Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-12



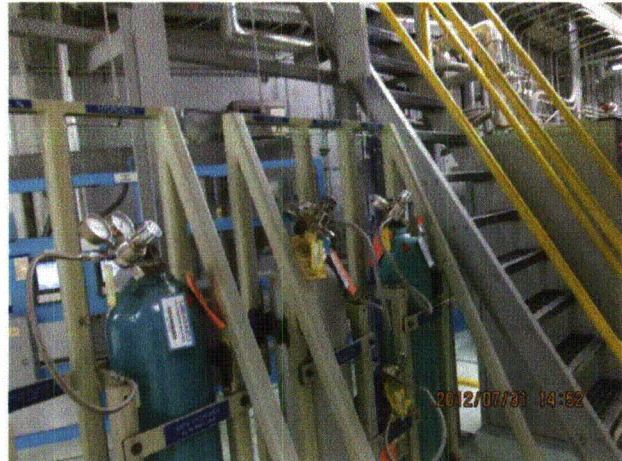
20120731-Dresden-3 426



20120731-Dresden-3 427



20120731-Dresden-3 428



20120731-Dresden-3 429

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-12



20120731-Dresden-3 430



20120731-Dresden-3 431

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-12



20120731-Dresden-3 432



20120731-Dresden-3 433

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-13

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
Pipe floor sleeve missing one anchor. Sleeve has one anchor to resist shear and is supported vertically by floor. Pipe sleeve bears against wall and is judged to be acceptable.

 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 appears 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
Drain line with victaulic couplings well supported. Drain line is typically empty. Drain line is judged acceptable.

Minor leak at drain line Y-joint addressed with catch basin below.

Minor bend in rod hanger on drain line judged acceptable.

 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
-

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-13

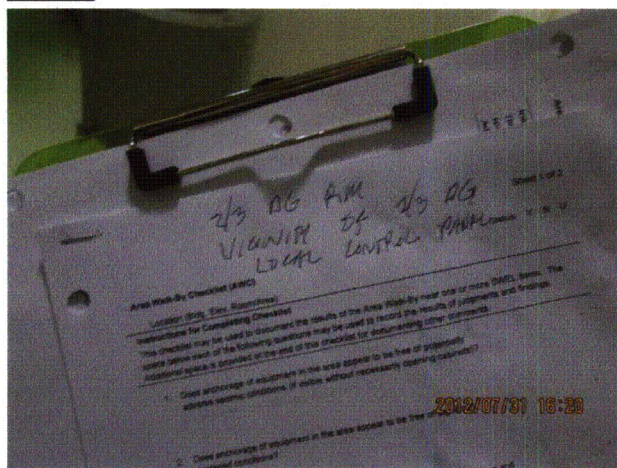
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Yes

Comments

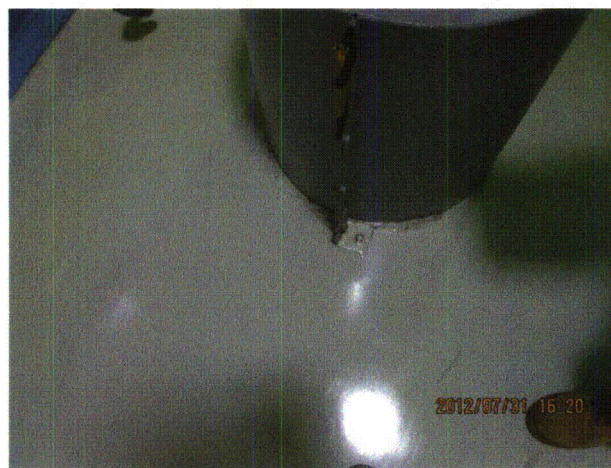
Seismic Walkdown Team: J. Griffith & M. Wodarczyk - 7/31/2012

Evaluated by: James Griffith Date: 9/30/2012
Michael J. Wodarczyk Michael Wodarczyk 9/30/2012

Photos



20120731-Dresden-3 492

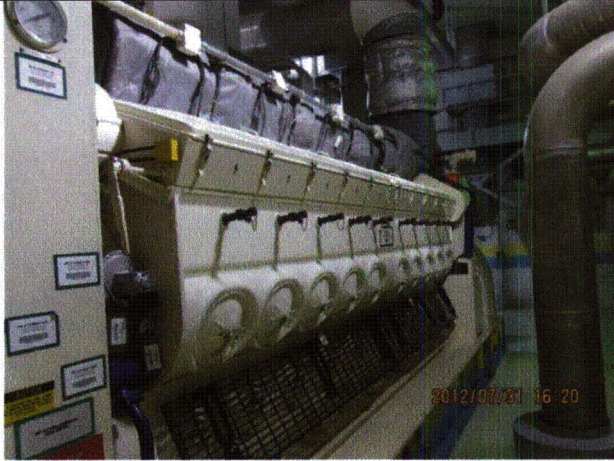


20120731-Dresden-3 493

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-13



20120731-Dresden-3 494



20120731-Dresden-3 495



20120731-Dresden-3 496



20120731-Dresden-3 497



20120731-Dresden-3 498



20120731-Dresden-3 499

Status: Y N U

Area Walk-By Checklist (AWC)

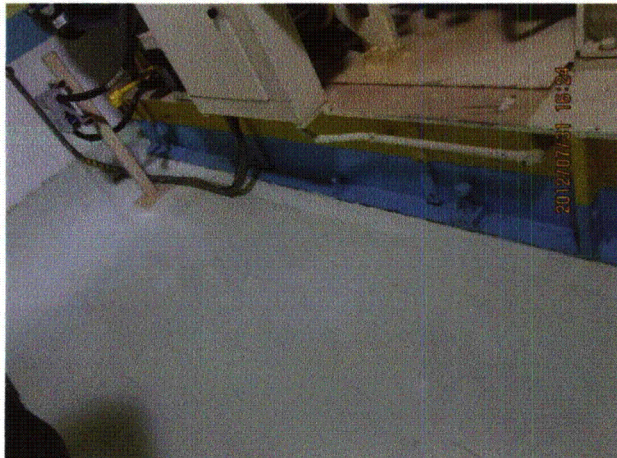
Location (Bldg, Elev, Room/Area): AWC-U3-13



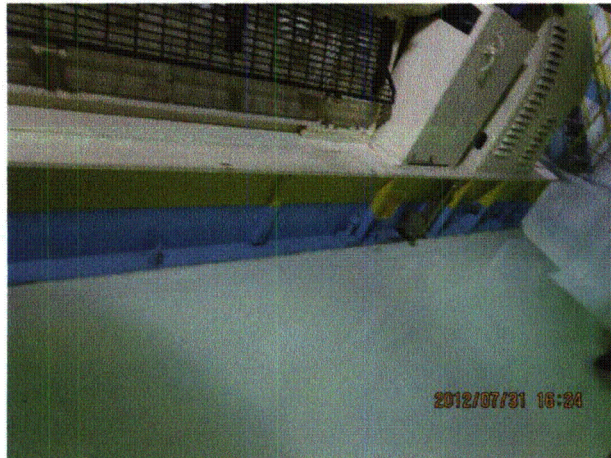
20120731-Dresden-3 500



20120731-Dresden-3 501



20120731-Dresden-3 502

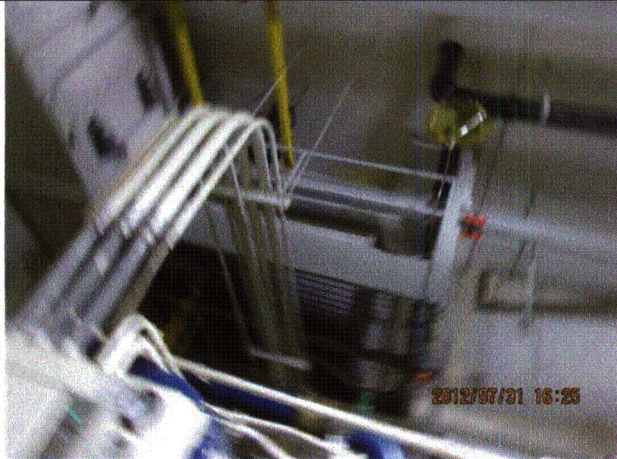


20120731-Dresden-3 503

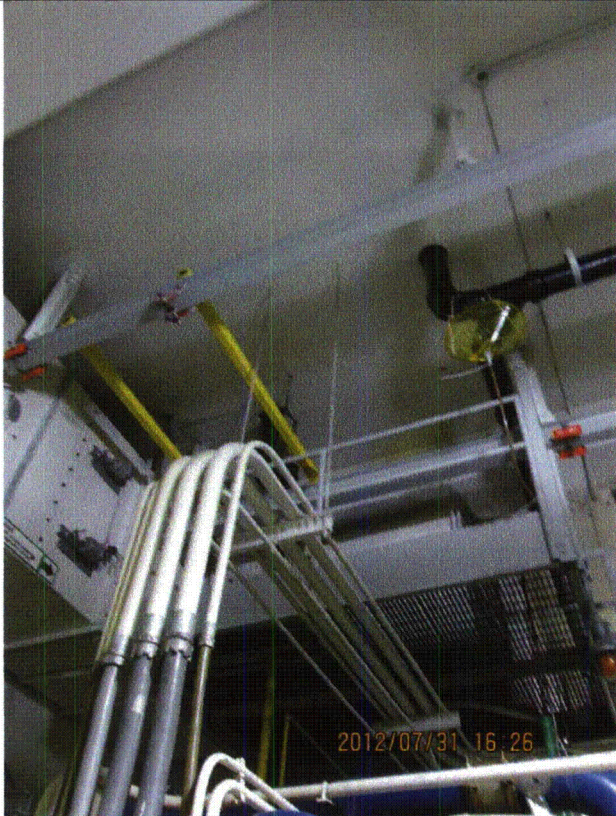
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Area Walk-By Checklist (AWC)

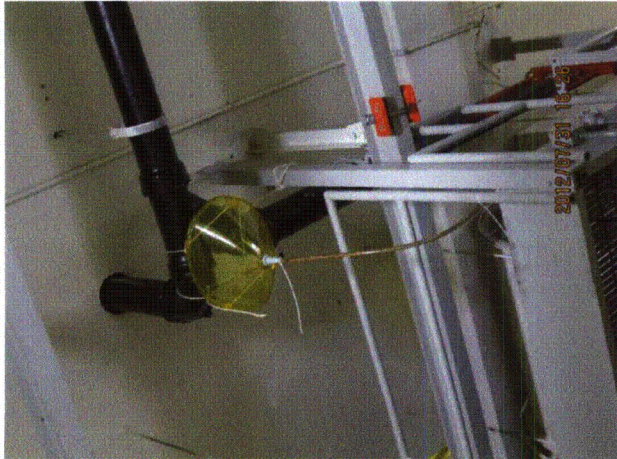
Location (Bldg, Elev, Room/Area): AWC-U3-13



20120731-Dresden-3 504



20120731-Dresden-3 505



20120731-Dresden-3 506

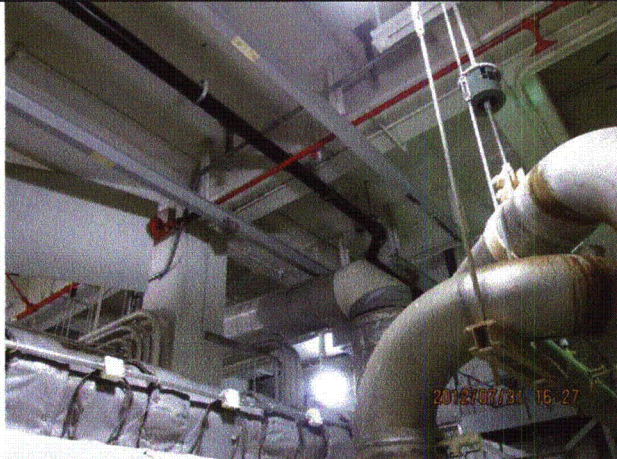


20120731-Dresden-3 507

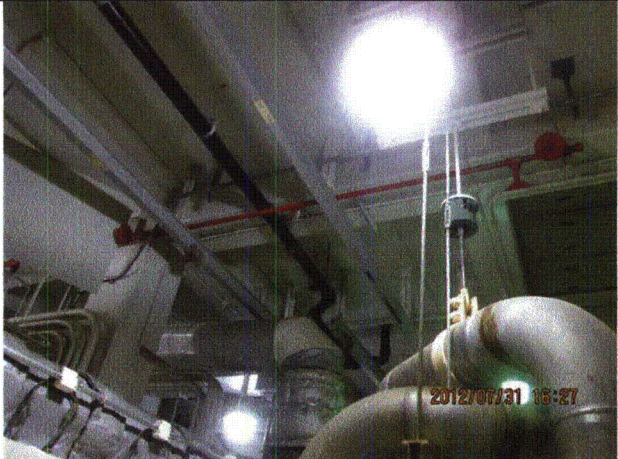
Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-13



20120731-Dresden-3 508



20120731-Dresden-3 509



20120731-Dresden-3 510



20120731-Dresden-3 511



20120731-Dresden-3 512



20120731-Dresden-3 513

Status: Y N U

Area Walk-By Checklist (AWC)

Location (Bldg, Elev, Room/Area): AWC-U3-13



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