F2-113

AW 8/24/17

Sheet 1 of 2

Status: Y☒ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. *Aux. Bldg.* Floor El. *121'* Room, Area[1] *2209*

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☐

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

F2-113

Sheet 2 of 12

Status: Y☒ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. *Aux. Bldg* Floor El. *121'* Room, Area[1] *2209*

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Y☒ N☐ U☐ N/A☐

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y☒ N☐ U☐ N/A☐

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Y☒ N☐ U☐ N/A☐

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

Comments (Additional pages may be added as necessary)

None

Evaluated by: *P. Miknis* Paul A. Miknis Date: *08-24-12*

S. Yuan Stephen Yuan *08-24-12*

F2-114

Sheet 1 of 6

Status: Y☑ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. YARD Floor El. 155 Room, Area[1] RWST

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☐

More than mild corrosion is on almost all supports mounted to the floor. Support T2-66C-1 has corrosion on the support arm. Existing CR 366965 (Structural Monitoring) has already addressed these issues and provided structural acceptability.

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☐

New CR 509889 was written since supports have Not been cleaned and coated to have this done sooner.
New CR 509944 was written since floor drain is plugged adding to the moister on supports problem.

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☐

New CR 509918 was written to clean and coated the RWST tank hold down bolts.
Based of evaluation in CRs, area items are acceptable for seismic concerns.

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

F2114

Sheet 2 of 6

Status: Y☑ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. YARD Floor El. 155 Room, Area[1] RWST

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☐

also see Quest. 2, Floor drain stopped up, CR 509944 written to unstop. Support adequacy addressed under Question 2

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☐

Ladder leaned against outside wall, would not contact anything to create seismic concern since not close to anything other than wall, No concern to wall.

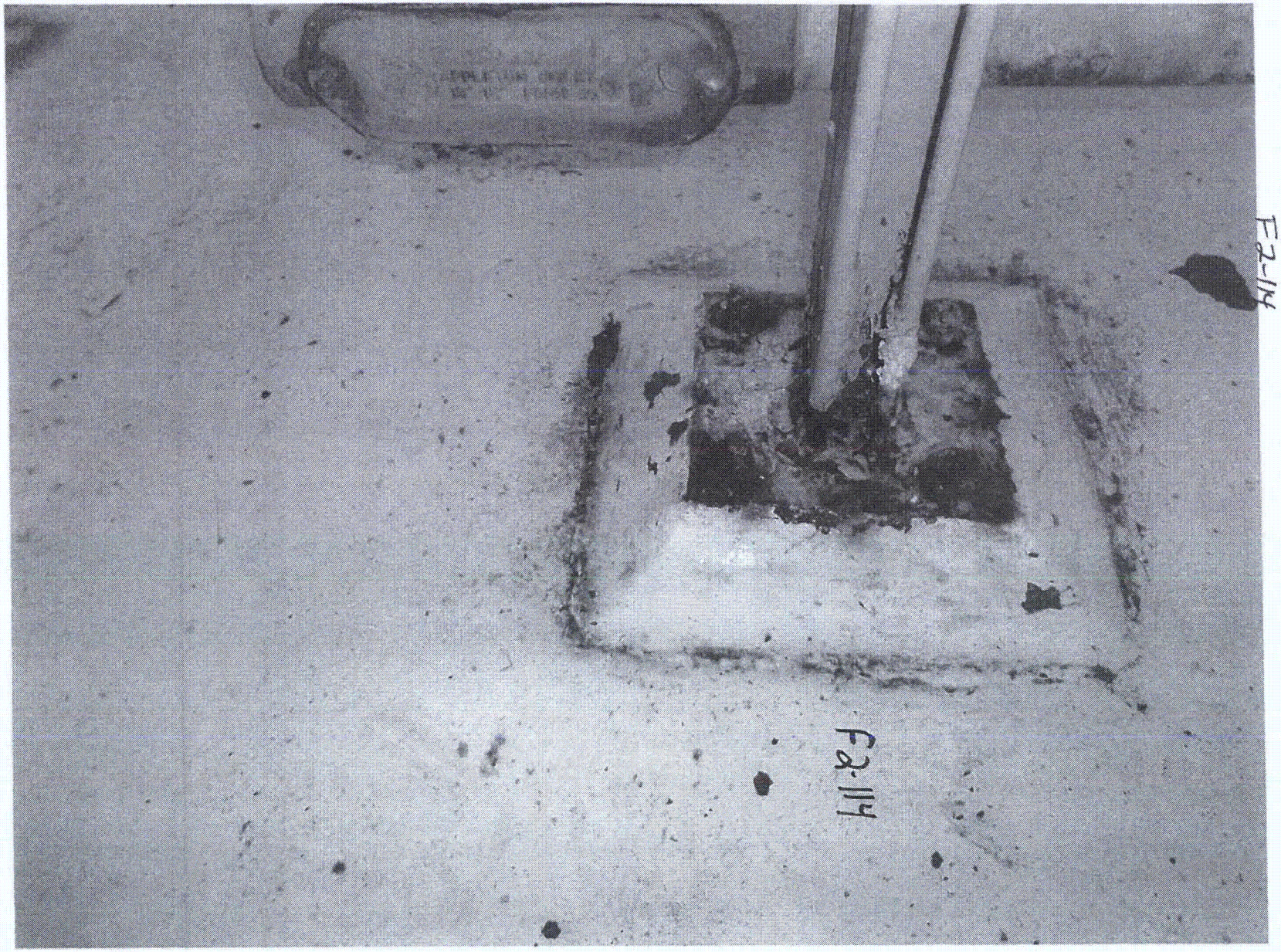
8. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment in the area? Y☑ N☐ U☐

Comments (Additional pages may be added as necessary)

NONE WALKBY for entire Area

Evaluated by: Sat Wasser Lutt Walda Date: 8.30.2012

Crystal Lovelady 8/30/2012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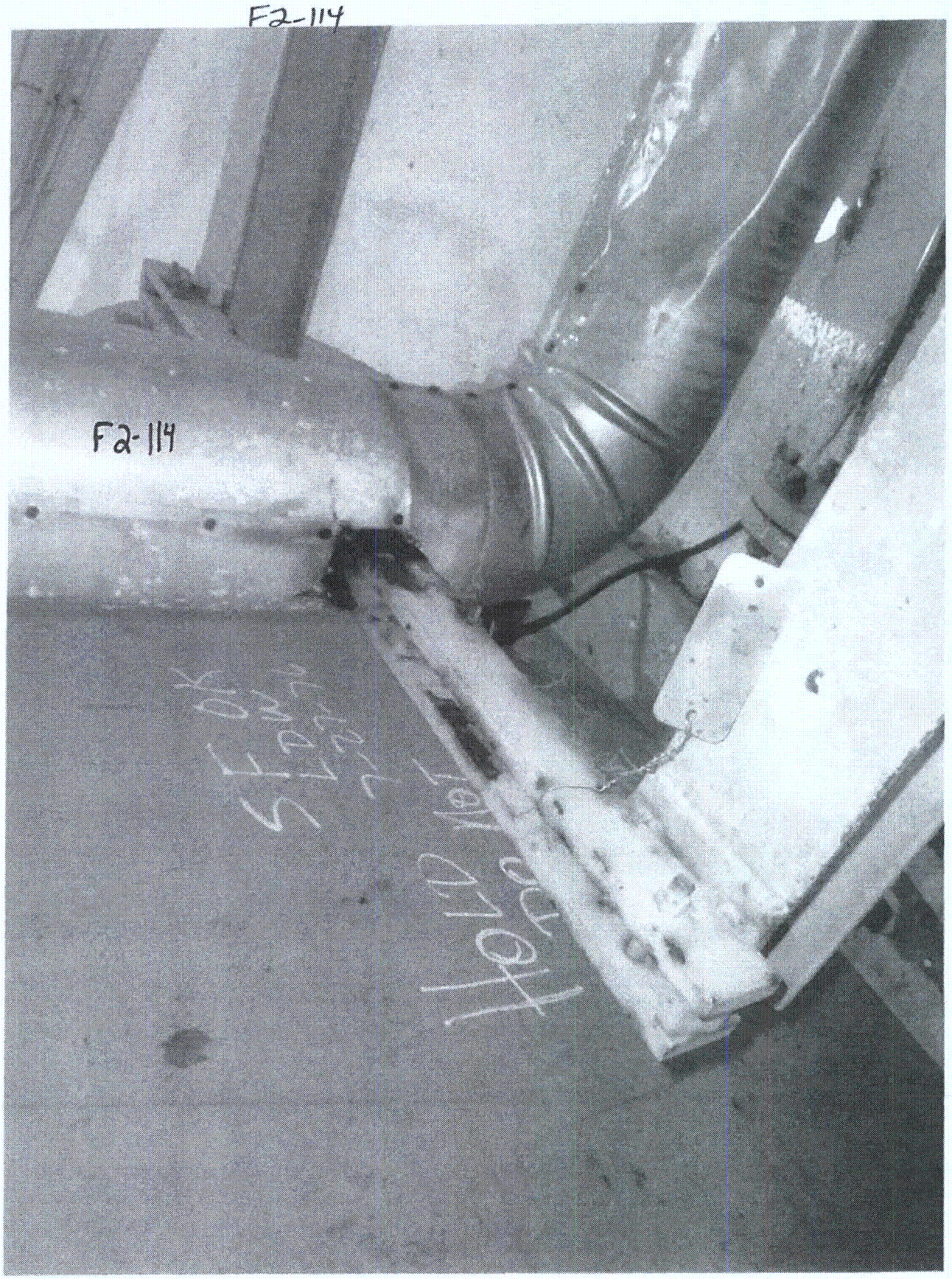
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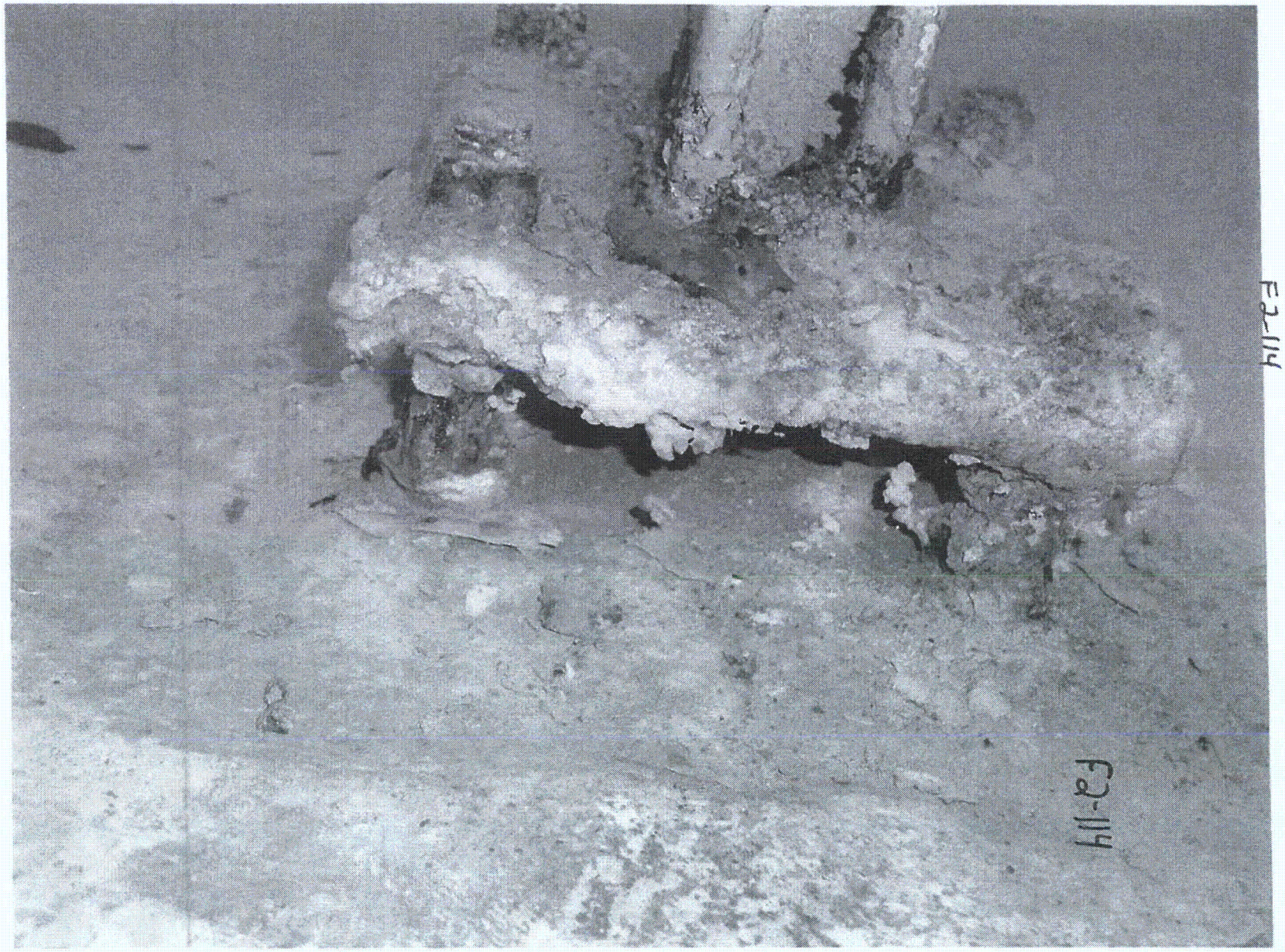
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F2SW2-3

Sheet 1 of 2 ASW

Status: Y☑ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. AUX Floor El. 155 Room, Area[1] 2445

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☐

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

F2SW2-3

Sheet 2 of 2 N/A

Status: Y☒ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. AUX Floor El. 155 Room, Area[1] 2445

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Y☒ N☐ U☐ N/A☐

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y☒ N☐ U☐ N/A☐

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Y☒ N☐ U☐ N/A☐

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

Comments (Additional pages may be added as necessary)

NONE
WALKBY FOR ENTIRE ROOM

Evaluated by: Scott Warden Scott Warden Date: 9-11-2012

Ryan Harbs RH 9/11/12

F2SW2-4

Sheet 1 of 3

Status: Y☑ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. Aux Bldg Floor El. 155 Room, Area[1] 2423

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☐

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

F-25W2-4

Sheet 2 of 32

Status: Y☒ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. AB Floor El. 155' Room, Area[1] 2423

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)

Evaluated by: Laura MacLay Laura MacLay Date: 8/30/12

Terry Allen TERRY A. MULLENIX 8/30/2012

F29W2-5

Sheet 1 of 3

Status: Y☑ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. *Auxiliary* Floor El. *139'* Room, Area[1] *2342*

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☐

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

F2SW2-5

Sheet 2 of 3

Status: Y☑ N☐ U☐

Area Walk-By Checklist (AWC)

Location: Bldg. *Auxiliary* Floor El. *139'* Room, Area[1] *2342*

5. Does it appear that the area is free of potentially adverse seismic interactions that could cause flooding or spray in the area? Y☑ N☐ U☐ N/A☐

6. Does it appear that the area is free of potentially adverse seismic interactions that could cause a fire in the area? Y☑ N☐ U☐ N/A☐

7. Does it appear that the area is free of potentially adverse seismic interactions associated with housekeeping practices, storage of portable equipment, and temporary installations (e.g., scaffolding, lead shielding)? Y☑ N☐ U☐ N/A☐

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

Comments (Additional pages may be added as necessary)

A Train - MPL# Q2G31V021B
B Train - MPL# Q2G31P002A

walkby entire room

Evaluated by: Maggie Farah Date: 8/30/12

Rm Miranda 8.30.12

ATTACHMENT 5

UNIT 2 - IPEEE VULNERABILITIES INFORMATION

NO. SNCF164-RPT-02

This attachment contains Appendix H from the report entitled, "Joseph M. Farley Nuclear Plant, Unit 1 and Unit 2, Individual Plant Examination of External Events – Seismic"

Appendix H

UNIT 2 Description of Equipment Outliers

Equipment ID Number	Equipment Class	Equipment Description	Plant Area	Description of Outlier	Outlier Resolution
N2H11NGMCB2500A-AB	20	Main control board section A	Auxiliary building El. 155'	1. Potential interaction from overhead light 2. Potential interaction from un-restrained cables and monitor	1. Restrain overhead light 2. Restrain or remove unrestrained items
Q2C11E004A-AB	2	Reactor trip switchgear No. 1	Auxiliary building El. 121'	Adjacent cabinets not bolted together	Bolt cabinets together
Q2C11E004B-AB	2	Reactor trip switchgear No. 2	Auxiliary building El. 121'	Adjacent cabinets not bolted together	Bolt cabinets together
Q2C55NM0048-A	18	Alternate shutdown neutron flux monitoring signal amplifier	Auxiliary building El. 139'	Screws missing at internal panel	Install missing screws
Q2F16LT0501-A	18	RWST level transmitter	Yard El. 155'	Missing screw at transmitter	Install missing screw
Q2H11NGASC2506C-B	20	Auxiliary safeguard cabinet "C"	Auxiliary building El. 155'	1. Potential Interaction from overhead light 2. Potential interactions from Panels N2H11NGDEH2506P and O.	1. Restrain overhead light 2. Bolt cabinets
Q2H11NGASC2506D-A	20	Auxiliary safeguard cabinet "D"	Auxiliary Building El. 155'	1. Potential interaction from overhead light 2. Adjacent cabinets not bolted together	1. Restrain overhead light 2. Bolt cabinets together
Q2H11NGB2504J-A	20	Balance of paint panel 'J' (process electronics)	Auxiliary building El. 155'	1. Potential interaction from overhead light 2. Potential interaction from panels Q2H11NGB2504L, M, N, O, P, Q Q211NGR2504I, NSH11NGLEF2518-N, N2H11NGDEH2506R and N2H11NGSS2504	1. Restrain overhead light 2. Bolt cabinets together
Q2H11NGB2504K-B	20	Balance of plant instrumentation cabinet 'K'	Auxiliary building El. 155'	1. Potential interaction from overhead light 2. Adjacent cabinets not bolted together	1. Restrain overhead light 2. Bolt cabinets together
Q2H11NGB2504L-A	20	Balance of plant panel 'L'	Auxiliary building El. 155'	1. Potential interaction from overhead light 2. Adjacent cabinets not bolted together	1. Restrain overhead light 2. Bolt cabinets together
Q2H11NGB2504M-A	20	Balance of plant panel 'M'	Auxiliary building El. 155'	Potential interaction from overhead light	Restrain overhead light
Q2H11NGB2504N-B	20	Balance of plant panel 'N'	Auxiliary building El. 155'	1. Potential interaction from overhead light 2. Adjacent cabinets not bolted together	1. Restrain overhead light 2. Bolt cabinets together
Q2H11NGBOP2506Q-N	20	Balance of plant panel	Auxiliary building El. 155'	Potential interaction from overhead light	Restrain overhead light
Q2H11NGCCM2523A-A	20	ICCMS processor cabinet train A	Auxiliary building El. 155'	Potential interaction from overhead light	Restrain overhead light
Q2H11NGCCM2523B-B	20	ICCMS processor cabinet train B	Auxiliary building El. 155'	Potential interaction from overhead light	Restrain overhead light
Q2H11NGNIS2503A-1	20	NIS excora detector cabinet	Auxiliary building El. 155'	Potential interaction from overhead light	Restrain overhead light
Q2H11NGR2504I-AB	20	Radiation monitor panel	Auxiliary building El. 155'	Potential interaction from overhead light	Restrain overhead light

UNIT 2 Description of Equipment Outliers

Equipment ID Number	Equipment Class	Equipment Description	Plant Area	Description of Outlier	Outlier Resolution
Q2H11NGSSP2506G-B	20	Solid state protection input cabinet	Auxiliary building El. 155'	1. Potential interaction from overhead light 2. Potential interaction from panels N2H11NGGFF2506B and N2H11NGMiM2515N	1. Restrain overhead light 2. Bolt cabinets together
Q2H11NGSSP2506J-B	20	Solid state protection test cabinet	Auxiliary building El. 155'	1. Potential interaction from overhead light 2. Adjacent cabinets not bolted together	1. Restrain overhead light 2. Bolt cabinets together
Q2H11NGSSP2506K-A	20	Solid state protection input cabinet	Auxiliary building El. 155'	1. Potential interaction from overhead light. 2. Adjacent Cabinets not bolted together	1. Restrain overhead light 2. Bolt cabinets together
Q211NGSSP2506N-A	20	Solid state protection test cabinet	Auxiliary building El. 155'	1. Potential interaction from overhead light 2. Adjacent cabinets not bolted together	1. Restrain overhead light 2. Bolt cabinets together
Q2H21E504-A	20	4.18KV switchgear 2H local control panel	Diesel Building El. 155'	Potential interaction from Nearby strut	Trim strut to provide adequate clearance
Q2H21E506-A	20	4.6KV switchgear 2K local control panel	Service water intake El. 188'-6"	Potential interaction from overhead light	Restrain overhead light
Q2H21E507-B	20	4.16KV switchgear 2L local control panel	Service water intake El 188'-6"	1. Potential Interaction from overhead light 2. Adjacent Cabinets not bolted together	1. Restrain overhead light 2. Bolt cabinets together
Q2H21E527-B	20	Diesel generator 2B local control panel	Diesel Building El. 155'	1. Potential interaction from overhead light 2. Adjacent cabinets not bolted together	1. Restrain overhead light 2. Bolt cabinets together
Q2H22L003-A	20	Transfer relay cabinet - 2	auxiliary building El. 100'	Potential interaction from nearby table	remove table
Q2H22L503-B	20	Diesel local replay panel 2B	Diesel building El. 100'	1. Potential Interaction from overhead light 2. Adjacent cabinets not bolted together 3. Potential bolt bending concern	1. Restrain overhead light 2. Bolt cabinets together 3. Resolved by analysis
Q2H25L008-A	20	Termination cabinet	Auxiliary building El. 139'	Potential Interaction from panels Q2H25L009-A, 10-A, 11-A, 40-A, 40-B, 40-C, 40-D and 40-E	Bolt cabinets together
Q2H25L029-B	20	Termination cabinet	Auxiliary building El. 139'	Potential interaction from panels Q2H25L020-B, 21-B, 27-B, 30-B, and 31-B	Bolt cabinets together
Q2R11B503-A	4	LC transformer 2R	Diesel building El. 155'	Bolt missing at support	install missing bolt
Q2R11B507-B	4	600 V station service transformer 2S	Diesel building El. 155'	Bolt missing at support	install missing bolt
Q2R15A505-A	3	4.16KV switchgear 2K	Service water intake El. 188'-6"	Potential interaction from overhead light	Restrain overhead light
Q2R15A506-B	3	4.16KV switchgear 2L	Service water intake El. 188'-6"	Potential interaction from overhead light	Restrain overhead light
Q2R16B007-B	2	60V Load center 2E	Auxiliary building El. 121'	Inadequate relay anchorage	Modify anchorage
Q2R17B001-A	1	MCC 2A	Auxiliary building El. 139'	1. Potential interaction from unrestrained cart 2. Inadequate replay anchorage	1. Restrain or remove cart 2. Modify anchorage
Q2R17B002-B	1	MCC 2B	Auxiliary building El. 121'	Inadequate anchorage	Modify anchorage

UNIT 2 Description of Equipment Outliers

Equipment ID Number	Equipment Class	Equipment Description	Plant Area	Description of Outlier	Outlier Resolution
Q2R17B008-A	1	MCC 2U	Auxiliary building El. 139'	1. Inadequate anchorage 2. Potential Interaction concern	1. Modify anchorage 2. Bolt MCC bays back-to-back
Q2R17B009-B	1	MCC 2V	Auxiliary building El. 139'	1. Inadequate anchorage 2. Potential interaction concern	1. Modify anchorage 2. Bolt MCC bays back-to-back
Q2R17B098-A	1	MCC 2CC	Auxiliary building El. 155'	1. Inadequate anchorage 2. Potential Interaction concern with wall 3. Potential bolt bending concern	1. Modify anchorage 2. Bolt MCC bays to wall 3. Resolved by analysis
Q2R17B099-B	1	MCC 2DD	Auxiliary building El. 155'	1. Inadequate anchorage 2. Potential Interaction concern with wall	1. Modify anchorage 2. Bolt MCC bays to wall
Q2R21L001A-1	14	120V vital AC instrument distribution panel 2A	Auxiliary building El. 155'	Potential interaction from overhead light	Restrain overhead light
Q2R21L001D-4	14	Vital AC distribution panel 2D	Auxiliary building El. 139'	Screws missing at internal panel	Install missing screws
Q2R36A501-A	3	4.16KV switchgear 2K surge arrestor	Service water intake El. 188'-6"	Inadequate anchorage due to loose bolt and cracked concrete	Tighten bolts and repair concrete crack
Q2R36A502-B	3	4.16KV switchgear 2L surge arrestor	Service water intake El. 188'-6"	Bolts not tightened	Tighten Bolts
Q2R36A510-A	3	4.16KV switchgear 2K surge arrestor	Diesel Building El. 155'	1. Bolts not tightened 2. Potential bolt banding concern	1. Tighten Bolts 2. Resolved by analysis
Q2R36A511-B	3	4.16KV switchgear 2L surge arrestor	Diesel building El. 155'	Potential bolt bending concern	resolved by analysis
Q2R41L001A-A	14	125 VDC distribution panel 2A	Auxiliary building El. 155'	Potential interaction from adjacent file cabinet	Restrain or remove file cabinet
Q2R43E002A-A	20	Sequencer B2G	Auxiliary building El. 139'	Potential interaction form overhead light	Restrain overhead light

*This document has been re-typed from the IPEEE Vulnerabilities Appendix H.

ATTACHMENT 6

UNIT 2 – SEISMIC WALKDOWN ENGINEER CERTIFICATIONS

NO. SNCF164-RPT-02

SQUG

Presents this

Certificate of Achievement

To Certify That

Robert W. Ashworth

has Completed the SQUG Walkdown Screening and Seismic Evaluation Training Course Held August 23-27, 2010

Richard G. Starck II, MPR Associates, Inc.
SQUG Instructor

Paul D. Baughman, ARES Corporation
SQUG Instructor

EPRI | ELECTRIC POWER RESEARCH INSTITUTE

Certificate of Completion

Robert W. Ashworth

Training on Near Term Task Force Recommendation 2.3 - Plant Seismic Walkdowns

July 3, 2012
Date

Caroline S. Schlaseman, P.E.
Instructor

SQUG

Certificate of Achievement

This is to Certify that

Melanie H. Brown

has Completed the SQUG Walkdown Screening and Seismic Evaluation Training Course

January 16, 2002
Date of Course

Owen M. Scott
SQUG Representative
Owen M. Scott

Donald P. Moore
Training Course Administrator
Donald P. Moore

ENERCON

Excellence—Every project. Every day.

Certificate of Completion

is hereby granted to

Maggie Farah

for successful completion of

TRAINING ON NEAR TERM TASK FORCE RECOMMENDATION 2.3

PLANT SEISMIC WALKDOWNS

Awarded: 7/26/2012 in Mt. Arlington, NJ

Kenneth Whitmore
Certified Seismic Walkdown Engineer
Alexandria, VA – 6/20/2012

EPRI | ELECTRIC POWER RESEARCH INSTITUTE

Certificate of Completion

Ryan Harlos

Training on Near Term Task Force Recommendation 2.3 - Plant Seismic Walkdowns

June 21, 2012
Date

R.P. Kassawara
Robert K. Kassawara
EPRI Manager,
Structural Reliability & Integrity

EPRI | ELECTRIC POWER RESEARCH INSTITUTE

Certificate of Completion

Crystal Lovelady

Training on Near Term Task Force Recommendation 2.3 - Plant Seismic Walkdowns

June 13, 2012
Date

R.P. Kassawara
Robert K. Kassawara
EPRI Manager,
Structural Reliability & Integrity

Certificate of Completion

This certifies that

Crystal R Lovelady

Has successfully completed

SAM NTTF 2.3 Seismic Walkdown Engineer JFG

Completed On 8/18/2012 03:00 PM America/Chicago

ENERCON

Excellence—Every project. Every day.

Certificate of Completion

is hereby granted to

Laura Maclay

for successful completion of

TRAINING ON NEAR TERM TASK FORCE RECOMMENDATION 2.3

PLANT SEISMIC WALKDOWNS

Awarded: 7/26/2012 in Mt. Arlington, NJ

Kenneth Whitmore
Certified Seismic Walkdown Engineer
Alexandria, VA – 6/20/2012

SQUG

Certificate of Achievement

This is to Certify that

Paul A. Miktus

has Completed the SQUG Walkdown Screening and Seismic Evaluation Training Course Held June 22-26, 1992

Neil P. Smith, Commonwealth Edison
SQUG Chairman

David A. Freed, MPR Associates
SQUG Training Coordinator

Robert P. Kassawara, EPRI
SQUG Program Manager

EPRI
Electric Power
Research Institute

Certificate of Achievement

This is to Certify that

Paul A. Miktus

has Completed the
Seismic IPE Add-On Training Course
Held July 27-29, 1992

David A. Freed, MPR Associates
SQUG Training Coordinator

Robert P. Kassawara, EPRI
SQUG Program Manager

SQUG

Certificate of Achievement

This is to Certify that

Ronald J. Miranda

has Completed the SQUG Walkdown Screening and Seismic Evaluation Training Course

April 20-24, 1998
Date of Course

Mark C Smith
SQUG Representative

Training Course Administrator

ENERCON

Excellence—Every project. Every day.

Certificate of Completion

is hereby granted to

Terry (Alan) Mullenix

for successful completion of

TRAINING ON NEAR TERM TASK FORCE RECOMMENDATION 2.3

PLANT SEISMIC WALKDOWNS

Awarded: 7/11/2012 in Kennesaw, GA

Kevin Bessell
Certified Seismic Walkdown Engineer
Palo Alto, CA – 6/13/2012

Kenneth Whitmore
Certified Seismic Walkdown Engineer
Alexandria, VA – 6/20/2012

SQUG

Certificate of Achievement

This is to Certify that

Scott Walden

has Completed the SQUG Walkdown Screening and Seismic Evaluation Training Course Prior to January 5, 2002

Donald P. Moore, Southern Company
SQUG Instructor

Donald P. Moore, Southern Company
SQUG Member Representative

EPRI

Certificate of Completion

Kenneth Whitmore

Training on Near Term Task Force Recommendation 2.3 - Plant Seismic Walkdowns

June 21, 2012
Date

R.P. Kassawara
Robert K. Kassawara
EPRI Manager,
Structural Reliability & Integrity

SQUG

Presents this

Certificate of Achievement

To Certify That

Kenneth L. Whitmore

has Completed the SQUG Walkdown Screening and Seismic Evaluation Training Course Held April 6th – 10th, 1992

David A. Freed, MPR Associates
SQUG Training Coordinator

Neil P. Smith, Commonwealth Edison
SQUG Chairman

Robert P. Kassawara, EPRI
SQUG Program Manager

EPRI

Certificate of Achievement

This is to Certify that

Kenneth L. Whitmore

has Completed the EPRI Add-On Seismic IPEEE Training Course Held November 2nd through 4th, 1992

David A. Freed; MPR Associates
Training Coordinator

Robert P. Kassawara, EPRI
Program Manager

EPRI | ELECTRIC POWER RESEARCH INSTITUTE

Certificate of Completion

Taylor Youngblood

Training on Near Term Task Force Recommendation 2.3 - Plant Seismic Walkdowns

July 11, 2012
Date

R.P. Kassawara
Robert K. Kassawara
EPRI Manager,
Structural Reliability & Integrity

ENERCON

Excellence—Every project. Every day.

Certificate of Completion

is hereby granted to

Steve Yuan

for successful completion of

TRAINING ON NEAR TERM TASK FORCE RECOMMENDATION 2.3

PLANT SEISMIC WALKDOWNS

Awarded: 7/26/2012 in Mt. Arlington, NJ

Kenneth Whitmore
Certified Seismic Walkdown Engineer
Alexandria, VA – 6/20/2012

Joseph M. Farley Nuclear Plant – Unit 2
Seismic Recommendation 2.3 Walkdown Report Requested by NRC Letter,
***Request for Information Pursuant to Title* 10 *of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident*, dated March 12, 2012**

Enclosure 2

Commitment Table

Commitment	Type		Scheduled Completion Date (If Required)
	One-Time Action	Continuing Compliance	
• Complete the remaining NTTF 2.3 Seismic Walkdowns for inaccessible areas and provide the walkdown report to the NRC. These inaccessible areas are listed in Table 7-1 of the Farley Unit 2 Seismic Walkdown Report (Enclosure 1 of this letter). These inaccessible areas and scope are shown below:	X		120 days from the end of 2R22 outage, currently scheduled for May 10, 2013

Table 7-1. Inaccessible Equipment per Original Walkdown Scope

#	Item No.	Description	Remaining Walkdown Scope
1	Q2B31MOV8000B	Pressurizer Power Relief Iso Valve	SWC and AWC for Containment el. 175'
2	Q2B31PCV0445A	Pressurizer Power Relief Valve	SWC and AWC for Containment el. 173'
3	Q2E11LT3594B	CTMT Sump Level Transmitter	SWC and AWC for Containment el. 80'
4	Q2E11MOV8702A	RHR Inlet Isolation Valve	SWC and AWC for Containment el. 105'
5	Q2E21MOV8112	RCP Seal Water Return Isolation	SWC and AWC for Containment el. 105'
6	Q2E21MOV8808B	Accumulator B Disch Valve	SWC and AWC for Containment el. 105'
7	Q2H11NGASC2506D	Aux Safeguards Cabinet D	Inspect panel internals
8	Q2H11NGB2504K	BOP Instrumentation Cabinet K	Inspect panel internals
9	Q2H11NGNIS2503A	NIS Excore Detector Cabinet	Inspect panel internals
10	Q2H11NGPIC2505D	Process Protection Cab CH 4	Inspect panel internals
11	Q2H11NGPIC2505H	Process Control Cab Channel 4	Inspect panel internals

Table 7-1. Inaccessible Equipment per Original Walkdown Scope			
#	**Item No.**	**Description**	**Remaining Walkdown Scope**
12	Q2H11NGSSP2506N	Solid State Protection Test Cab	Inspect panel internals
13	Q2H21E005	4.16KV Swgr 2G Local Cnt Panel	Inspect panel internals
14	Q2H21E505	4.16KV Swgr 2J Local Cont Panel	Inspect panel internals
15	Q2H21E507	4.16KV Swgr 2L Local Cont Panel	Inspect panel internals
16	Q2H22L001D	Multiplying Relay Cabinet 2D	Inspect panel internals
17	Q2H22L003	Transfer Relay Cabinet 2	Inspect panel internals
18	Q2H22L503	Diesel Local Relay Panel 2B	Inspect panel internals
19	Q2P16L002	SW Disch Valve Relay Cab 2B	Inspect panel internals
20	Q2P17MOV3046	CCW Return from RCPS	SWC and AWC for Containment el. 129'
21	Q2R16B007	600V Load Center 2E	Inspect panel internals
22	Q2R17B510	MCC 2T	Inspect panel internals
23	Q2R18B030	Power Disconnect Switch	Inspect panel internals
24	Q2R18B032	Circuit Breaker Box	Inspect panel internals
25	Q2R18B034	Power Disconnect Switch	Inspect panel internals
26	Q2R18B043	MOV Power Disconnect Switch	Inspect panel internals
27	Q2R21B001D	120V Reg Panel 2F	Inspect panel internals
28	Q2R21E009D	Inverter 2D	Inspect panel internals
29	Q2R21L001D	Vital AC Distribution Panel 2D	Inspect panel internals
30	Q2R36A501	4.16KV Swgr 2K Surge Arrestor	Inspect panel internals
31	Q2R41L001A	125VDC Distribution Panel 2A	Inspect panel internals
32	Q2R42E001A	Battery Charger 2A	Inspect panel internals
33	Q2R43E001B	Sequencer B2G	Inspect panel internals
34	Q2R43E002A	Sequencer B2F Aux Panel	Inspect panel internals
35	Q2R43E002B	Sequencer B2G Aux Relay Panel	Inspect panel internals

Table 7-1. Inaccessible Equipment per Original Walkdown Scope			
#	**Item No.**	**Description**	**Remaining Walkdown Scope**
36	Q2R16B006-A	600V Load Center 2D	Inspect panel internals
37	Q2R17B001-A	MCC 2A	Inspect panel internals
38	Q2R17B098-A	MCC 2CC	Inspect panel internals
39	Q2R17B002-B	MCC 2B	Inspect panel internals