C

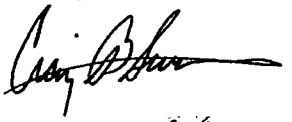
Seismic Walkdown Checklists (SWCs)

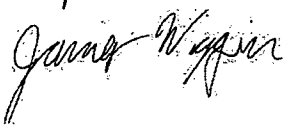
Below are the names and signatures of the personnel who performed the seismic walkdowns.

Ben Frazier 

Kevin Gantz 

Mojtaba Oghbaei 

Craig Swanner 

James Wiggin 

Caroline Schlaseman 

The order of the Seismic Walkdown Checklists (SWCs) for Unit 3 is shown in Table C-1 below and the order of the SWCs for Unit 0 (common) is shown in Table C-2.

The "Anchorage Configuration Confirmation" column is described in Section 5.2.1 of this report. The last column in Tables C-1 and C-2 provides the corresponding Area Walk-By Checklist (AWC). (AWCs are included in Appendix D of this report.) AWC identifiers with asterisks (*) indicate the second or subsequent SWEL item included with a specific Area Walk-By.

Table C-1. Unit 3 Seismic Walkdown Checklists (SWCs)

Component ID	Description	Anchor Configuration Confirmed?	AWC-Ux-YY
30B010	Emergency Aux Load Center E134 Switchgear	N	U3-23*
30B013	Emergency Aux Load Center E434 Switchgear	N	U3-24*
30B324	MO-3-23-015 Motor Control Power Transfer Switch	Y	U3-15
30B325	MO-3-13-15 Motor Control Starter Panel	Y	U3-15*
30B338	MO3-10-16A Auto Transfer Switch	Y	U3-15*
30C003	Reactor and Containment Cooling and Isolation	Y	U0-7*
30C004C	RCIC Vertical Board	Y	U0-7
30C005A	Reactor Manual Control Board	Y	U0-7*
30C095	RCIC Instrument Rack	N	U3-4*
30C32	Egr Safeguard Sub-Sys I	Y	U3-22*
30C33	Egr Safeguard Sub-Sys II	Y	U3-22*
30C34	RCIC Relay Panel	Y	U3-22*
30C722A	Accident Monitoring Instrumentation Panel	Y	U3-22*
30C722B	Accident Monitoring Instrumentation Panel	Y	U3-22*
30C87	HPCI Instrument Rack	N	U3-4
30D043	HPCI Aux Lube Oil Pump Starter	N	U3-8*
30D37	Static Inverter	N	U3-2
30P033, 30P038	HPCI Booster Pump, Pump	Y	U3-8
30P036 & 30S038	RCIC Pump & Turbine	Y	U3-12
30S037	HPCI Turbine	Y	U3-8*
30S703	120V Inst. Panel 30Y035 Transfer Switch	N	U3-14*
30X030	Load Center E134 Transformer	Y	U3-23
30X033	Load Center E434 Transformer	N	U3-24
30X133	Panel 30Y33 Transformer	N	U3-5
30Y050	120V AC Distribution Panel	N	U3-22
30Y35	3PPD 125V DC Distribution Panel 3C	N	U3-14
3AC65	RPS Instrument Rack	N	U3-7
3AE058	RHR Room A Cooling Coil A	Y	U3-17
3AE124	RHR Pump 3A Seal Cooler	N	U3-16*
3AE55	RCIC Room Cooling Coil A	Y	U3-12*
3AE56	HPCI Room Cooling Coil A	Y	U3-8*
3AE57	Core Spray Room A Cooling Coil A	Y	U3-11*
3AP035	RHR Pump A	Y	U3-16
3AP037	Core Spray Pump A	Y	U3-11
3AV083	HPSW Pump Room Exhaust Fan	Y	U3-3*

Table C-1. Unit 3 Seismic Walkdown Checklists (SWCs)

Component ID	Description	Anchor Configuration Confirmed?	AWC-Ux-YY
3BC270	Steam B Leak Monitor Cabinet	N	U0-6*
3BC65	RPS Instrument Rack B	N	U3-14*
3BD01	125 VDC Battery 3B	Y	U3-10*
3BD025	3B 125 VDC Distribution Panel	N	U3-22*
3BE55	RCIC Room Cooling Coil B	Y	U3-12*
3BE57	Core Spray Room A Cooling Coil B	Y	U3-11*
3BE58	RHR Room A Cooling Coil B	Y	U3-16*
3CD001	125 VDC Battery 3C	Y	U3-21
3CD03	Battery Charger 3C	Y	U3-9
3CE24	RHR Heat Exchanger C	Y	U3-19
3CP035	RHR Pump C	Y	U3-18*
3CP042	High Pressure Service Water Pump C	Y	U3-3*
3DC068	RPS SCRAM solenoid fuse panel D	N	U3-13*
3DD01	125 VDC Battery 3D	Y	U3-10
3DD03	Battery Charger 3D	Y	U3-1
AO3-03-33	Scram Discharge Volume Inboard Isolation Valve	N/A	U3-13
AO3-03-36	Scram Discharge Volume Outboard Isolation Valve	N/A	U3-13*
H03-23C-5512	HPCI Turbine Governor Control Valve	N/A	U3-8*
HCU-06-47	Hydraulic Control Unit	Y	U3-13*
HCU-14-35	Hydraulic Control Unit	Y	U3-13*
LI3-2-3-113	Reactor Water Level	N	U0-7*
LI-9027	Torus Water Level	N	U0-7*
LR/TR-9123B	Torus Water Level/Temperature Recorder	N	U0-7*
LS3-23-91A	Suppression Pool Level Switch	N/A	U3-6
LT3-2-3-61	Reactor Vessel Water Level Transmitter	N	U3-7*
LT-9123A	Torus Water Level Transmitter	N	U3-6*
MO3-10-013C	RHR Pump Torus Suction Valve	N/A	U3-18
MO3-10-015C	RHR Pump Shutdown Cooling Suction	N/A	U3-16*
MO3-10-89C	RHR HX HPSW Outlet Valve	N/A	U3-19*
MO3-30-3233A	Unit 3A Sluice Gate	Y	U3-25
MO-3-32-3803	HPSW Return Valve to ECT	N/A	U0-1*
MO3-48-3804B	HPSW Bay Inlet Inner Valve	N/A	U0-5*
MO-3-10-013A	RHR Pump Suction Valve A	N/A	U3-16*
P0D-3-40H-30223-03	HPSW Pump Room A Loop Supply Damper	N	U3-3*
P0D-3-40H-30223-04	HPSW Pump Room B Loop Exhaust Damper	N	U3-3

Table C-1. Unit 3 Seismic Walkdown Checklists (SWCs)

Component ID	Description	Anchor Configuration Confirmed?	AWC-Ux-YY
PI3-6-90A	Reactor Wide Range Pressure Indicator	N	U0-7*
PR/RR3-2-3-404B	Reactor Pressure/Drywell Gas Recorder	N	U0-7*
PR/TR-5805	Containment Pressure/Temp	N	U0-7*
PS30224-2	HPSW Pump Room B Loop Pressure Switch	N	U3-3*
PT3-2-3-404A	Reactor Pressure Transmitter	N	U3-7*
PT3-6-53A	Reactor Wide Range Pressure Transmitter	N	U3-7*
PT-5805	Drywell Pressure Transmitter	N	U3-20
RV3-23-034	HPCI Pump Suction Header Relief Valve	N/A	U3-8*
SV3-3-33	Instrument Air Solenoid Valve	Y	U3-13*
SV3-3-36	Instrument Air Solenoid Valve	Y	U3-13*

Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. E134 (30B010) Equip. Class[12] (02) Low Voltage Swgr

Equipment Description Emergency Aux Load Center Swgr.

Location: Bldg. RB Floor El. 165 Room, Area R3-41 116 MO 10/04/12

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐
   Exterior wall ~~cab~~ welds to anchorage verified. Not shown in pictures because of small clearance between door & grout pad.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. E134 (308010) Equip. Class[12] Low Voltage Swgr

Equipment Description Emergency Aux Load Center Swgr.

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

   No soft targets identified.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

   MO 11/8/12 ~~Verify~~ Masonry block wall is reinforced per Spec. M-701 Rev 1. (South wall & west wall)
   Lighting is secure.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

    Hoist is secure.

Other Adverse Conditions

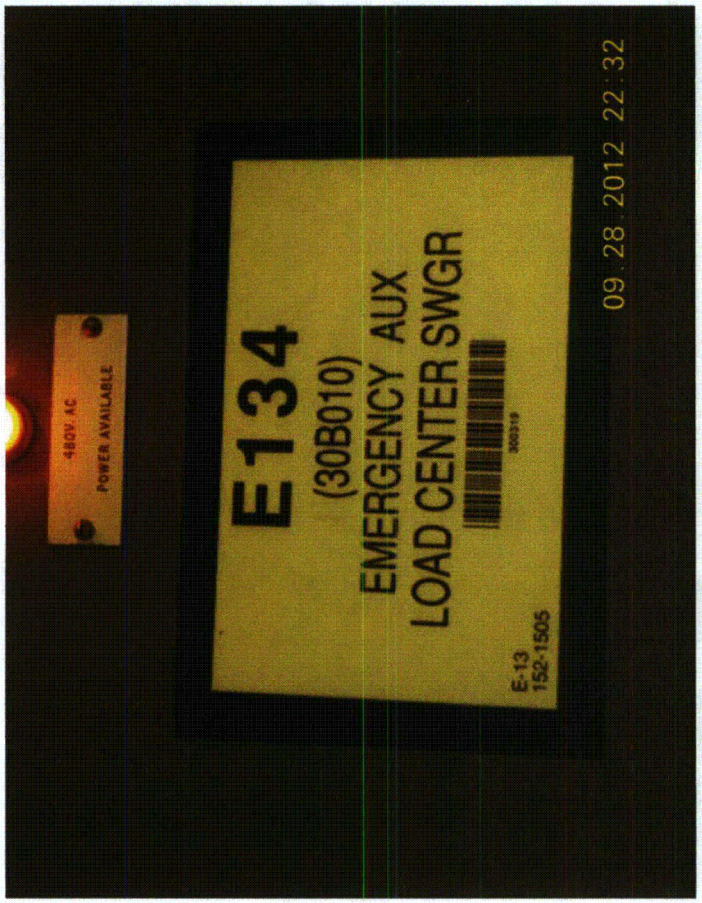
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

Cabinet not opened because it is energized & hand tooling is required.

Evaluated by: _____ Date: 10/8/12

_____ 10/8/12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POWER AVAILABLE
E134
(30B010)
EMERGENCY AUX
LOAD CENTER SWGR
E-13
152-1505
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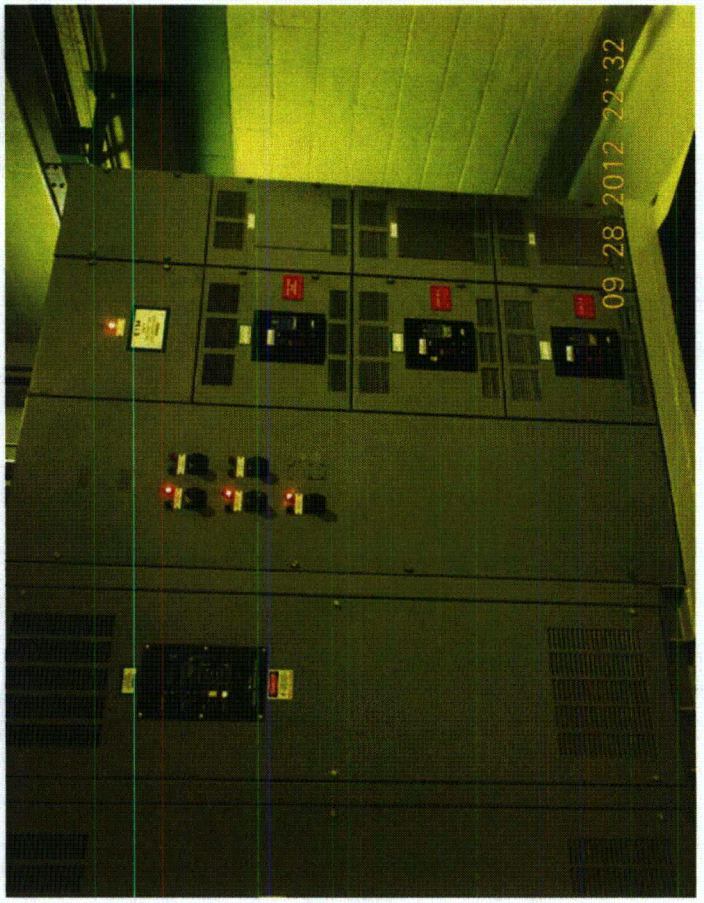
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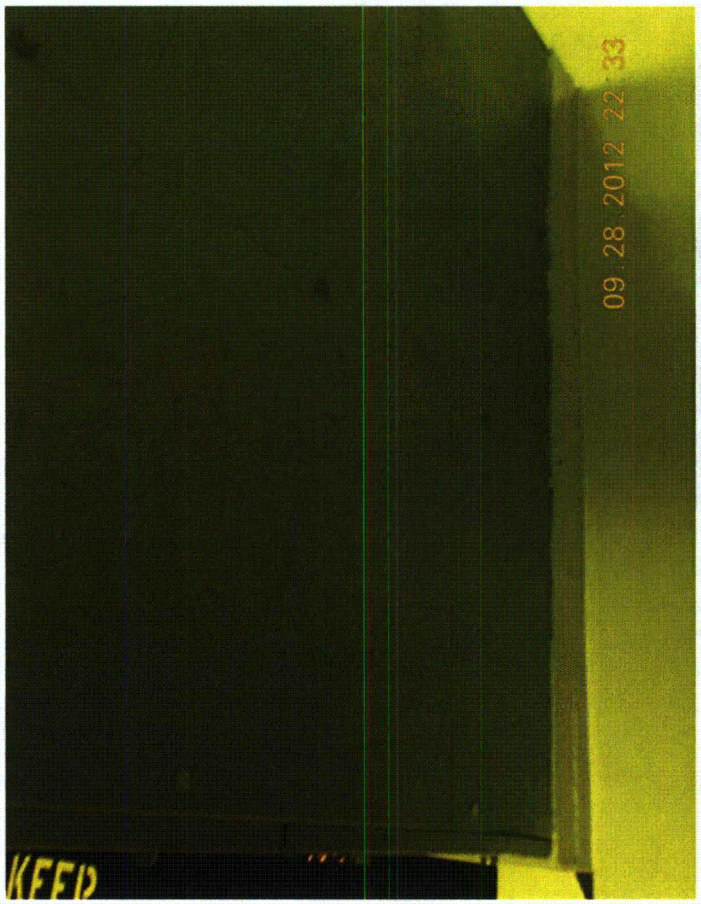
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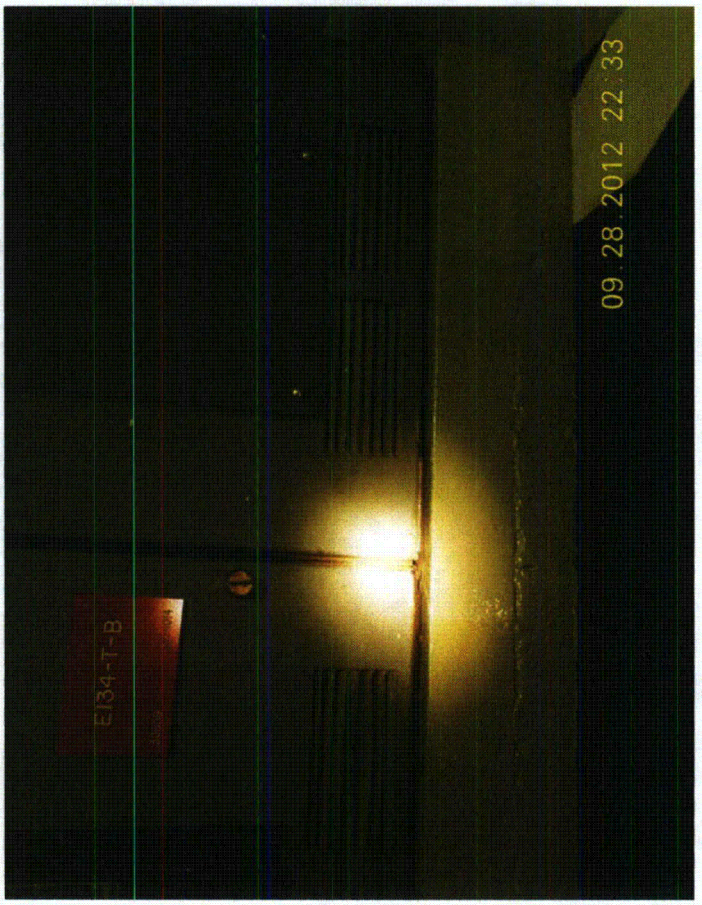
E134-T-B
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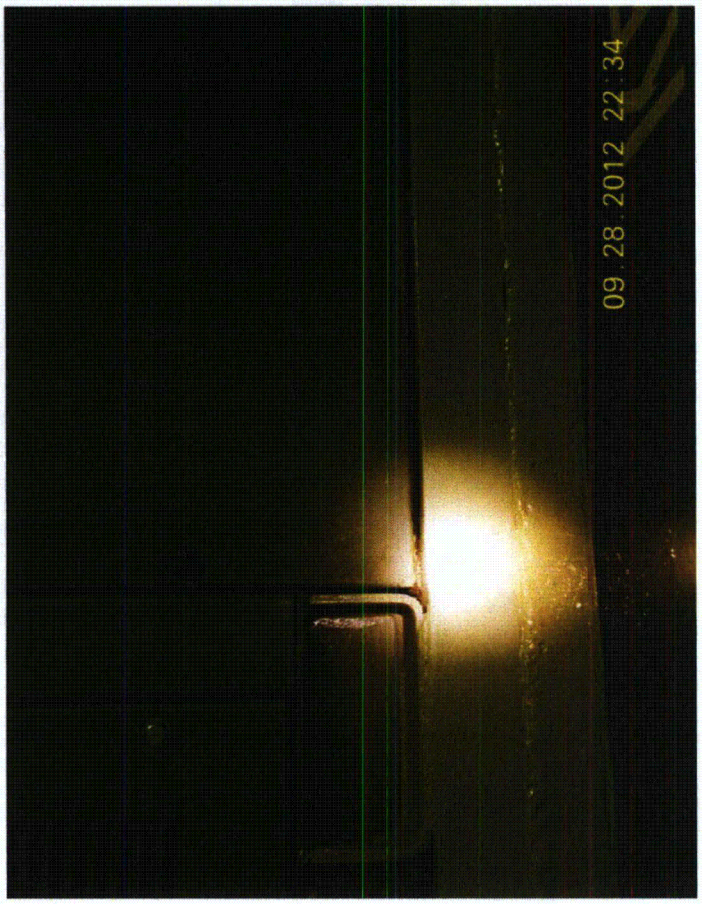
Equipment ID: 30B010



Seismic Walkdown Checklist (SWC)

Equipment ID No. 30B013 E434 Equip. Class[12] (02) Low Voltage Switchgear

Equipment Description Emergency Aux Load Center Swgr

Location: Bldg. RB Floor El. 165 Room, Area R3-41

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

   Anchorage is external & verified to be in good condition

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. E434 (30B013) Equip. Class[12] (02) Low Voltage Switchgear

Equipment Description Emergency Aux Load Center Swgr

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

   No soft targets identified

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

   Masonry wall ~~needs~~ MO 11/8/12 ~~to be~~ DBA 10/8/12 Verified as reinforced per Spec. M-701 Rev 1 walls 410.6-410.10. Light Fixtures secure.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

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

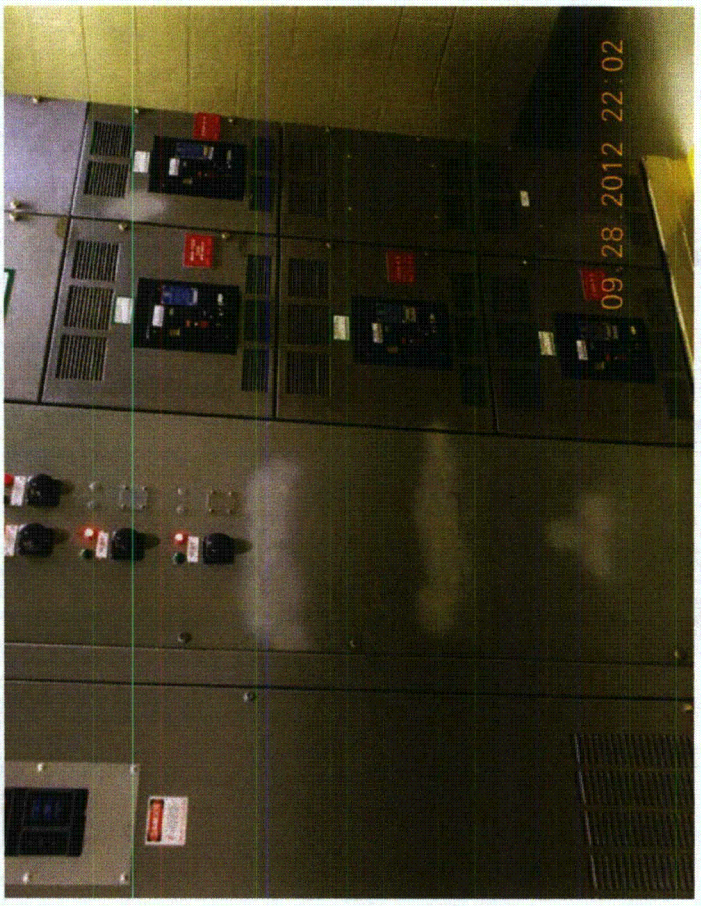
Comments (Additional pages may be added as necessary)

Cabinet not opened because hand tools required & it is energized.

Evaluated by: [signature] Date: 10/8/12

M. Ghbari 10/8/2012


480V AC
POWER AVAILABLE
E434
(30B013)
EMERGENCY AUX
LOAD CENTER SWGR
300318
E-43
152-1806
09 28 2012 22:01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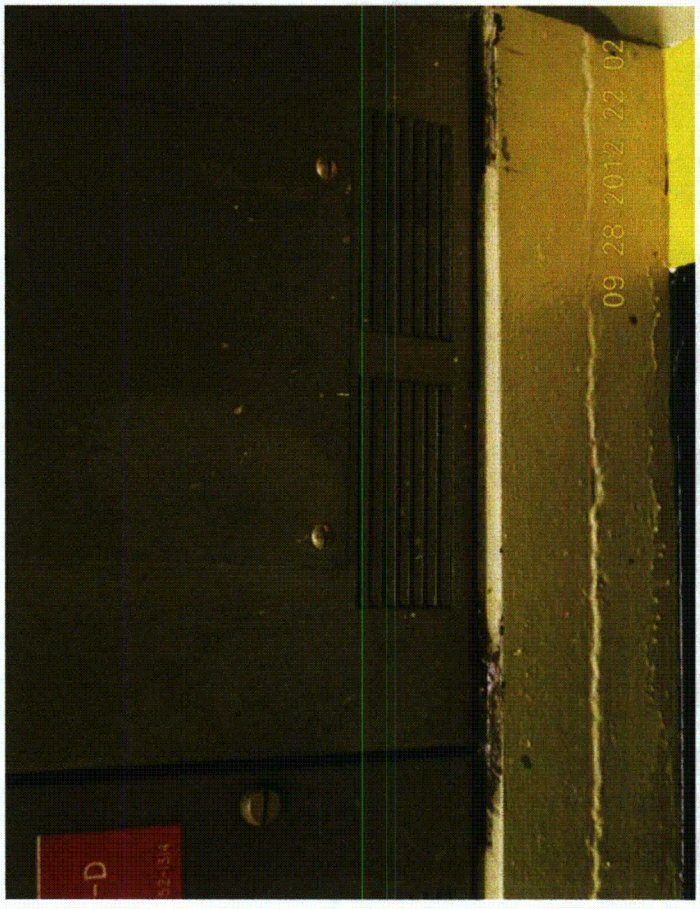
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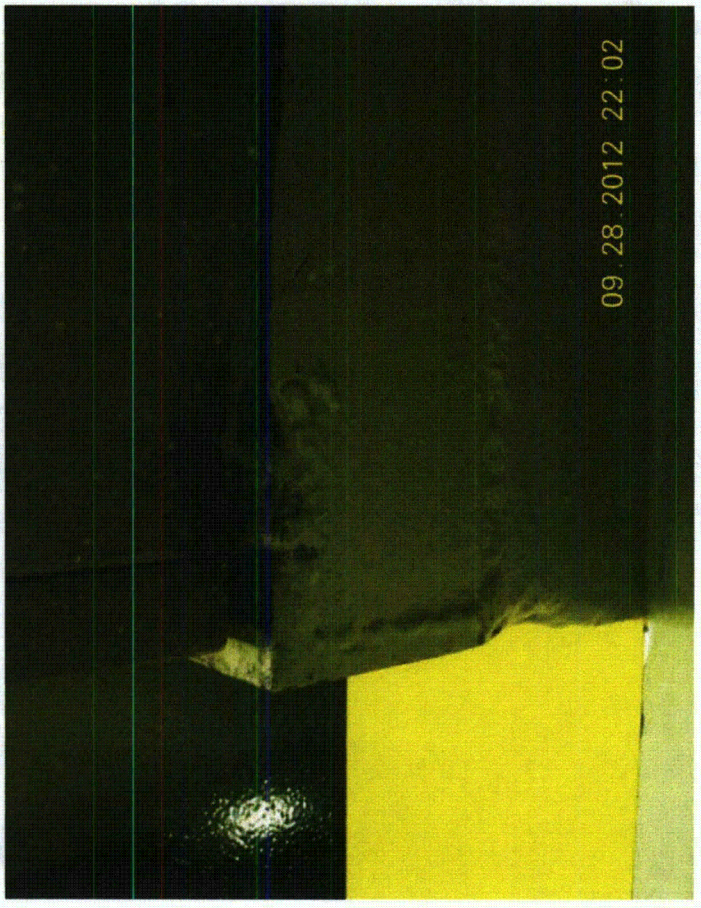
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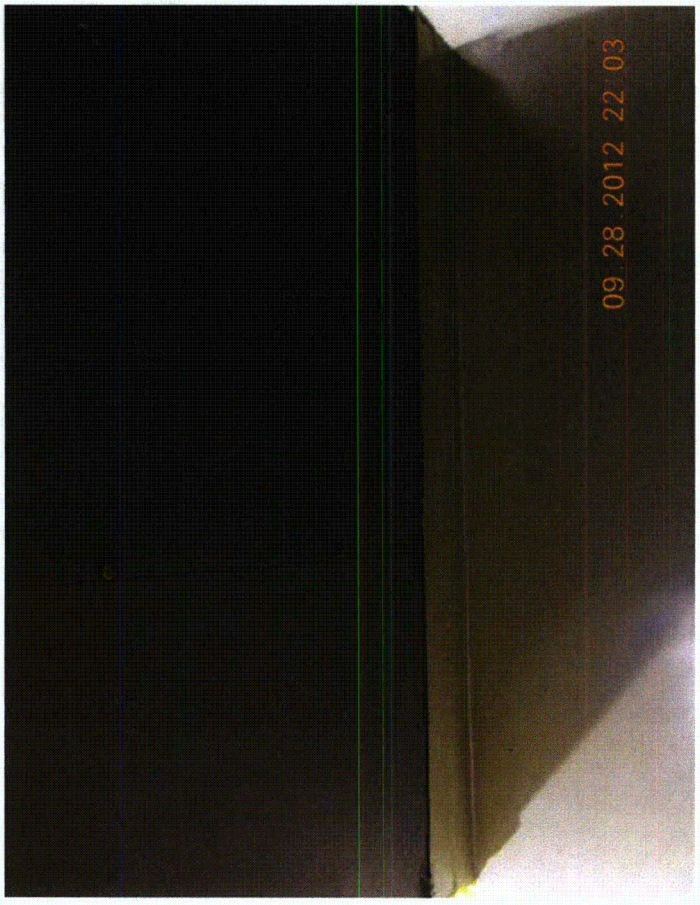
Equipment ID: 30B013



Seismic Walkdown Checklist (SWC)

(1) MCC CBT

Equipment ID No. 308324 Equip. Class[12] 4 Elec. Eqpt.

Equipment Description MO-3-23-015 Motor Control Power Transfer Switch

Location: Bldg. Reactor Bldg. Floor El. 135 Room, Area Recirc. MG Set.
Turbine CBT

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐
   Verified per DWG C280-E-542-2 Rev 2
2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30B324 Equip. Class[12] (1) MCC

Equipment Description MO-3-23-015 Motor Control Power Transfer Switch

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐
   No soft targets identified.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   No H/I concerns

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

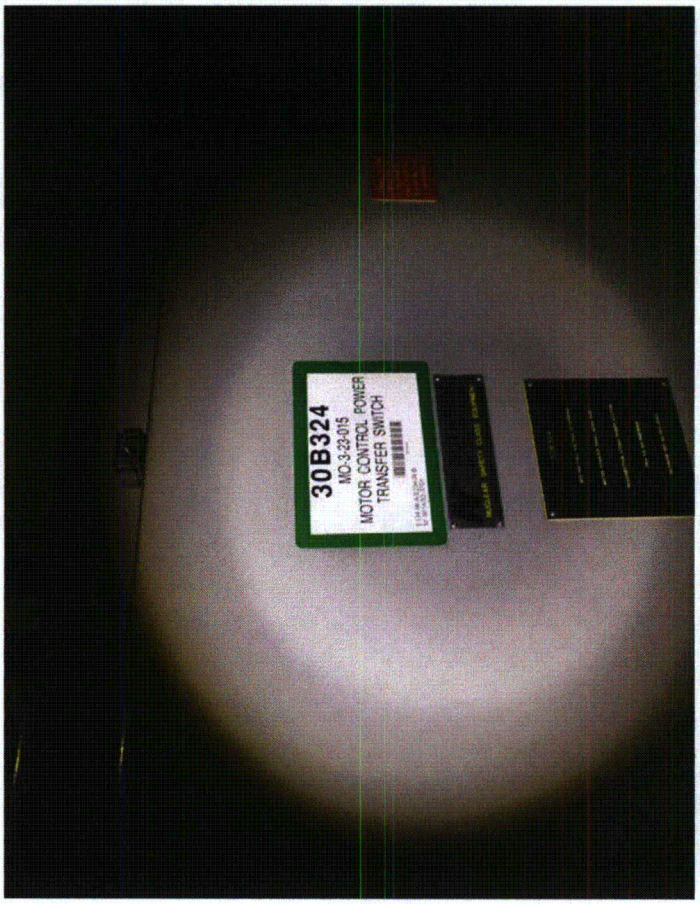
Other Adverse Conditions

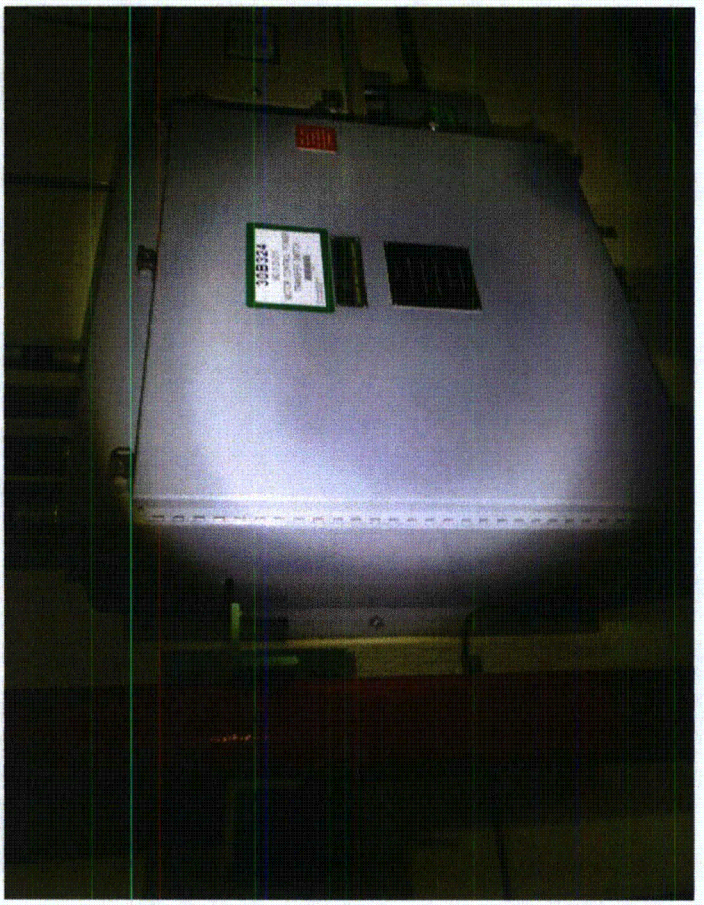
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

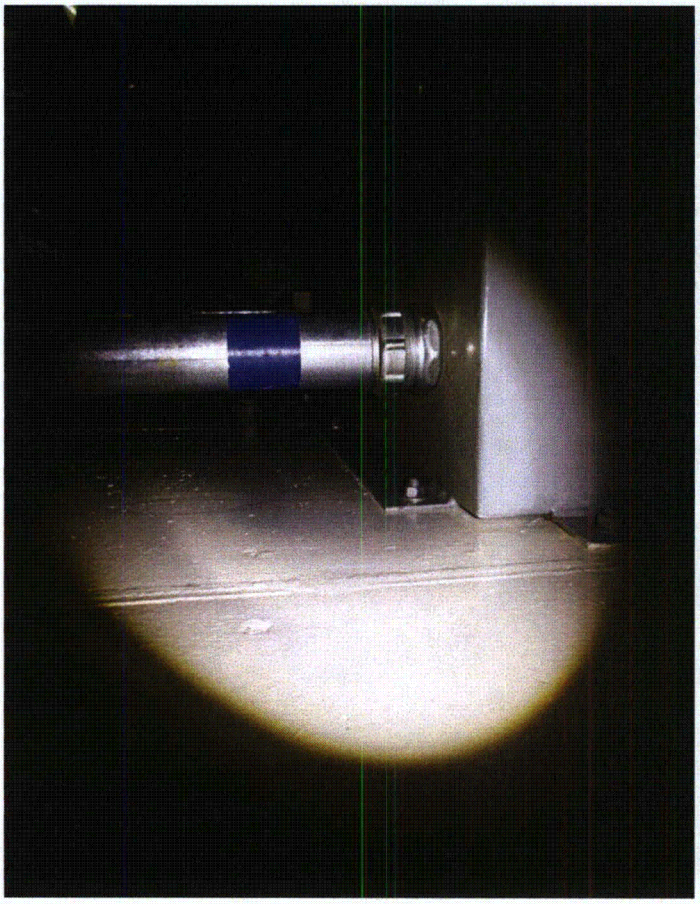
Comments (Additional pages may be added as necessary)

Evaluated by: _____ Date: 9/12/12

_____ 9/12/12


30B324
MO-3-23-015
MOTOR CONTROL POWER
TRANSFER SWITCH





Status: Y N U

Seismic Walkdown Checklist (SWC)

(1) MCC CBA

Equipment ID No. 308325 Equip. Class[12] ~~Elect. Encl.~~

Equipment Description MO-3-13-15 Motor Control Starter Panel

Location: Bldg. ~~Radwaste~~ Turbine CBA Floor El. 136' Room, Area Receive MG Sets.

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐
   Verified per 6280-E-542-1 Rev. 2
2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐
3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐
4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐
5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30B325 Equip. Class[12] (1) MCC

Equipment Description MO-3-13-015 Motor Control Starter Panel

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

No soft targets identified.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

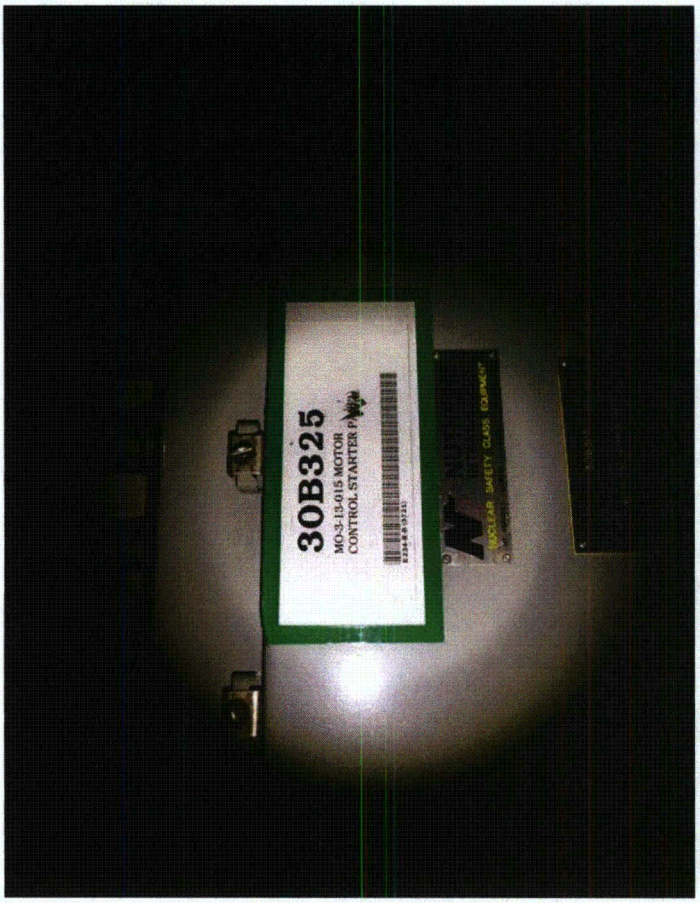
Other Adverse Conditions

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

Comments (Additional pages may be added as necessary)

Evaluated by: _____ Date: 9/12/12

_____ 9/12/12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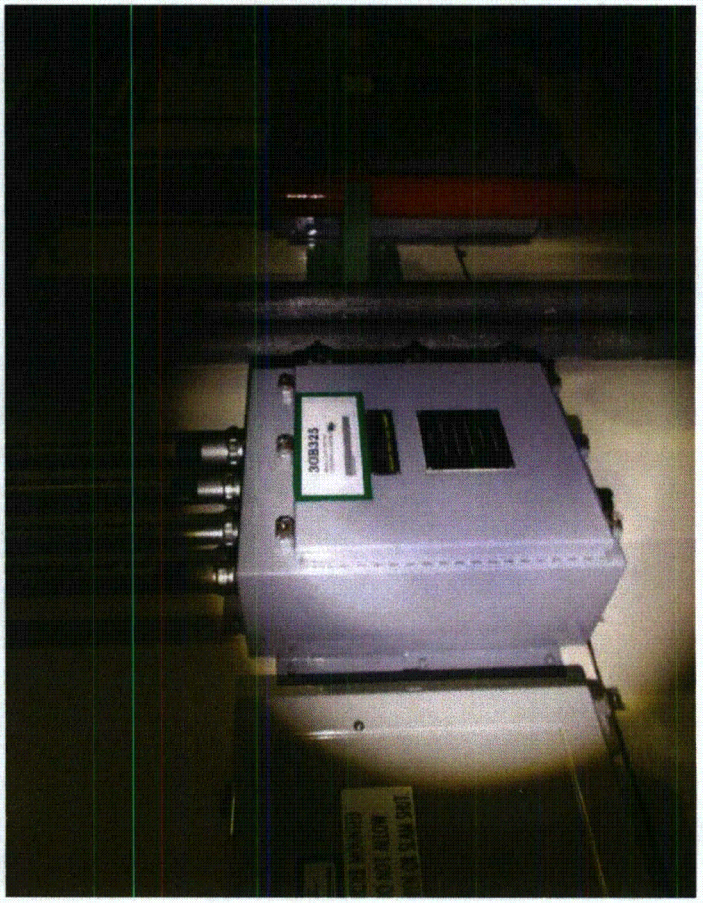
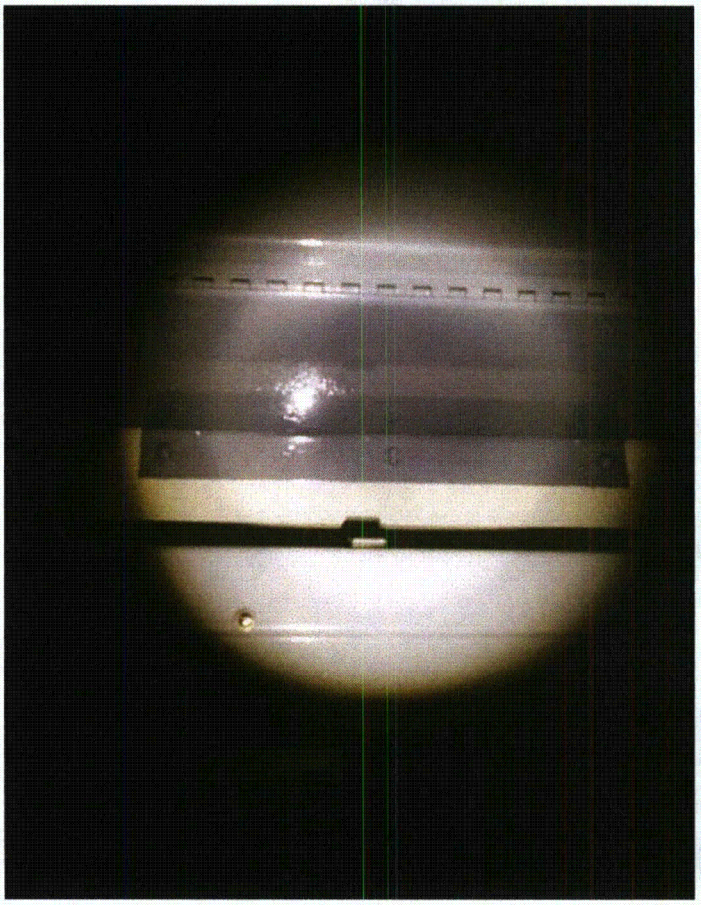
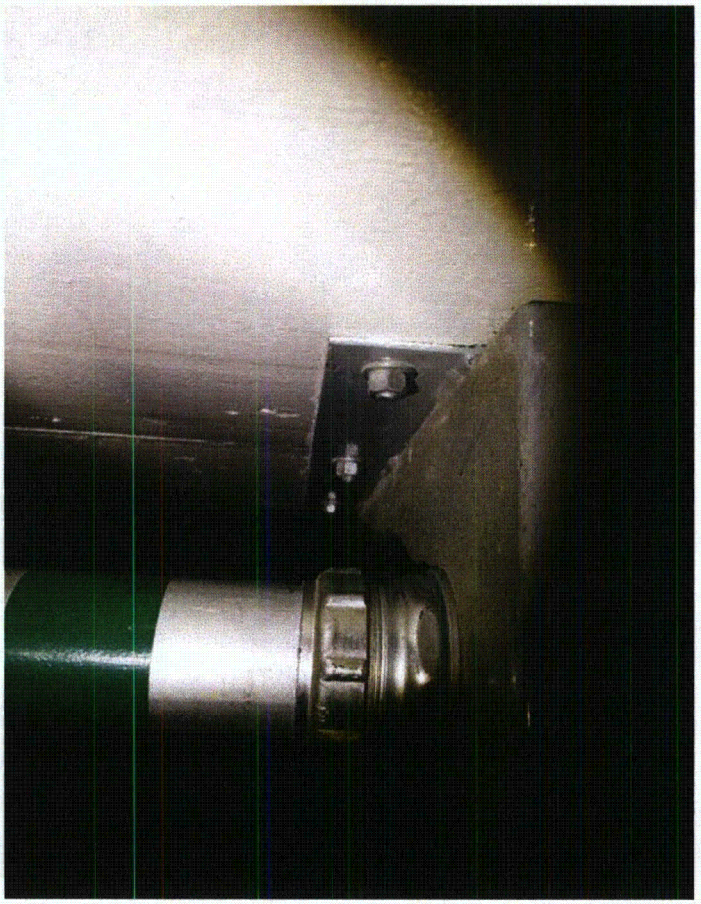
MO-3-13-015 MOTOR
CONTROL STARTER
NUCLEAR SAFETY CLASS EQUIPMENT


30B325





Seismic Walkdown Checklist (SWC)

(1) MCC

Equipment ID No. 30B338 Equip. Class[12] ~~Elec Encl.~~

Equipment Description 10 3-10-0664 Auto Transfer Switch

Location: Bldg. ~~3 Radwaste~~ Turbine Building Floor El. 135 Room, Area Recirc MG

Manufacturer, Model, Etc. (optional but recommended)

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

   Verified per DWG. 6280-E-542-19 Rev 2.

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

   Minor spalding on concrete deemed acceptable.

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 308338 Equip. Class[12] (1) MCC

Equipment Description MO 3-10-016A Auto Transfer Bypass Switch

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐
   No soft targets identified.

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   Overhead light fixture is secure.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐
    Upper east bolt securing panel is loose. Lower east bolt is missing. Both are on hinge side. Seven other bolts are tight. Therefore, loose/missing fasteners not a seismic concern

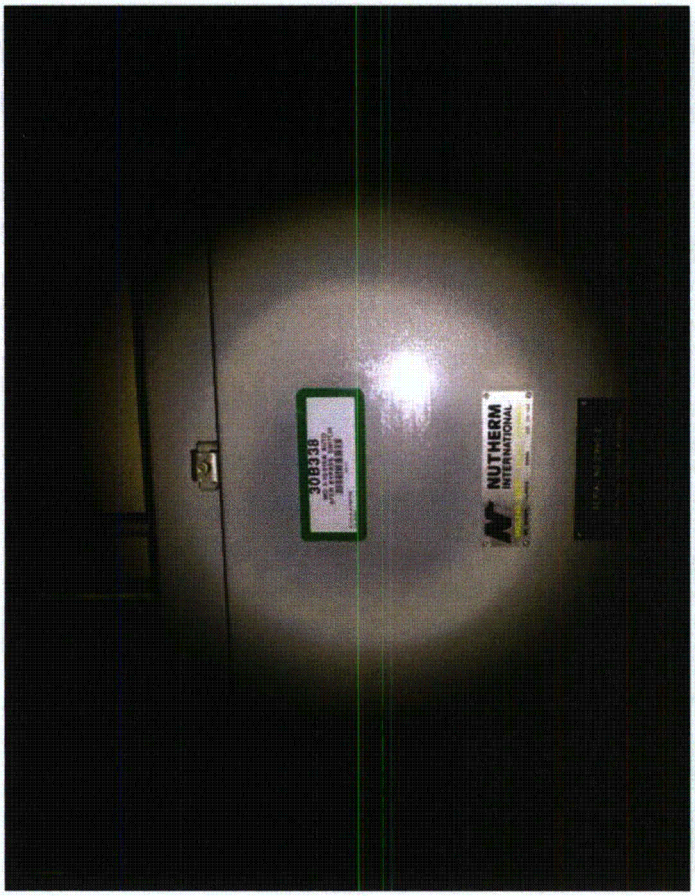
Comments (Additional pages may be added as necessary)

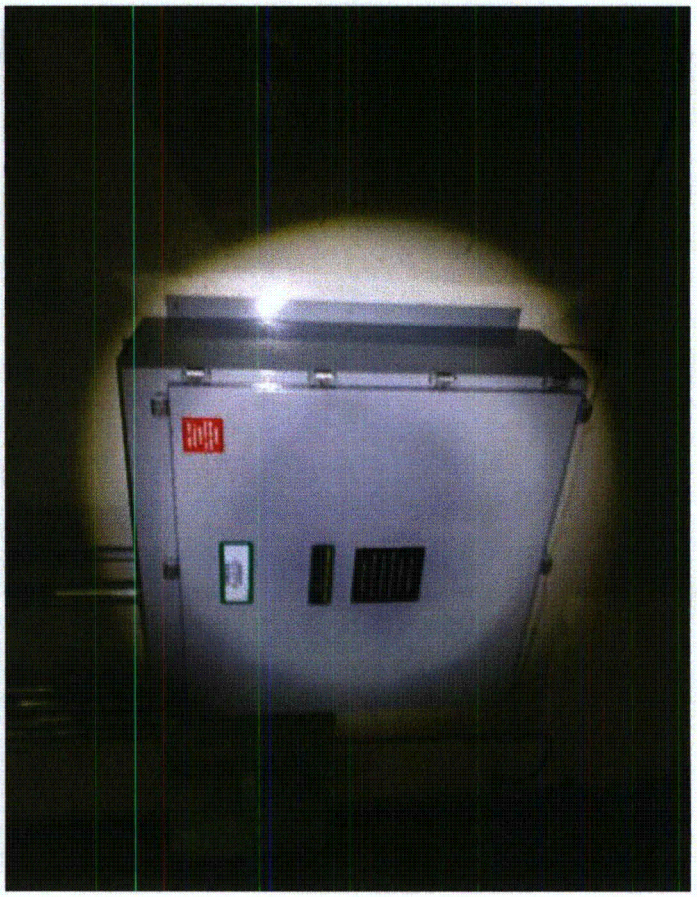
Issue addressed in IR 1424719.

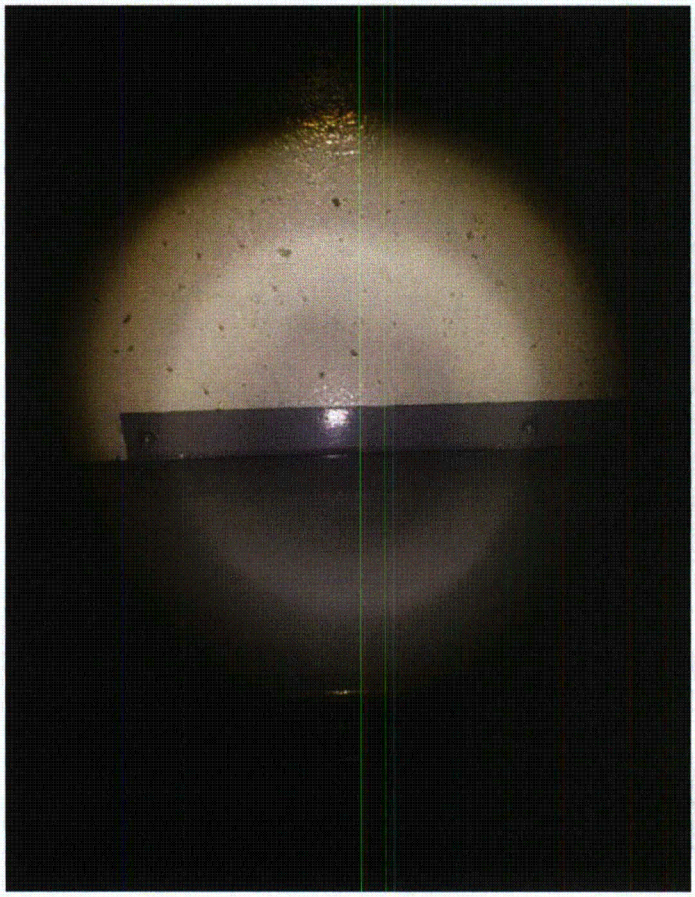
BMF 10/15/

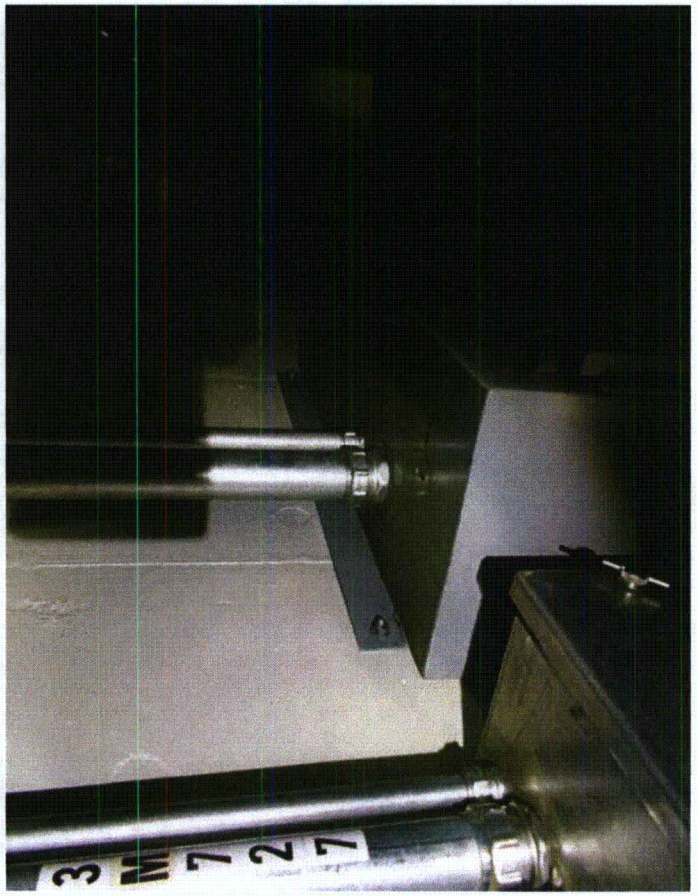
Evaluated by: _____ Date: 9/12/12

Ben Fry 9/12/12

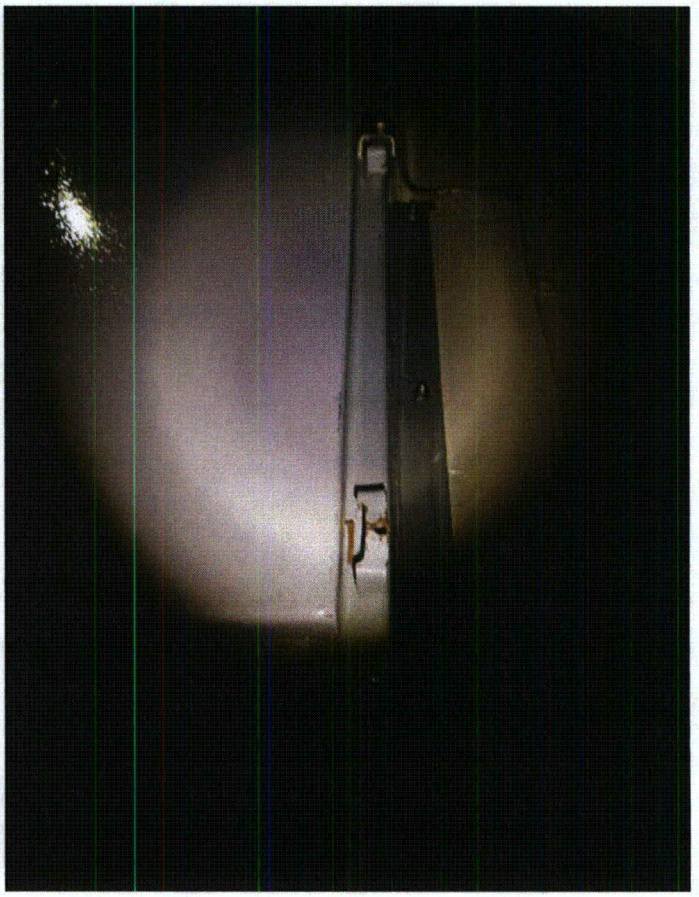

30B338
NUTHERM
INTERNATIONAL

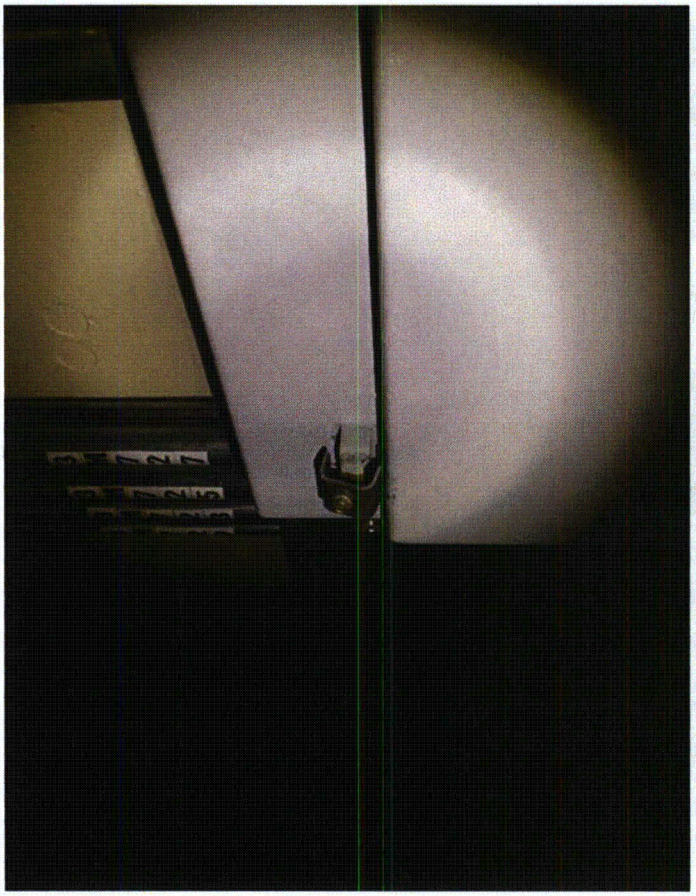






Equipment ID: 30B338





Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 30C003 Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *Reactor and Containment Cooling and Isolation*

Location: Bldg. *Turbine* Floor El. *165* Room, Area *T3-100*

Manufacturer, Model, Etc. (optional but recommended)

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐
   1 1/2" -9" stitch weld on front of cabinet anchorage,

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐
   Embedded channel in Concrete. No crack in concrete.

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
   Anchorage configuration verified to Dwg. S-1197, Rev. 0.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C003 Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *Reactor and Containment Cooling and Isolation*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

~~No soft targets outside of cabinet.~~ MO 8/31/12

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

BMF 10/19/12 Y☒

~~Damage from falling ceiling tiles not credible.~~ MO 10/8/2012

MCR ceiling consistent with Calc 26-5/Z-12, Revision 0. Calc G-106-1 could not be located. See IR 01428651.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

No attached lines.

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

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

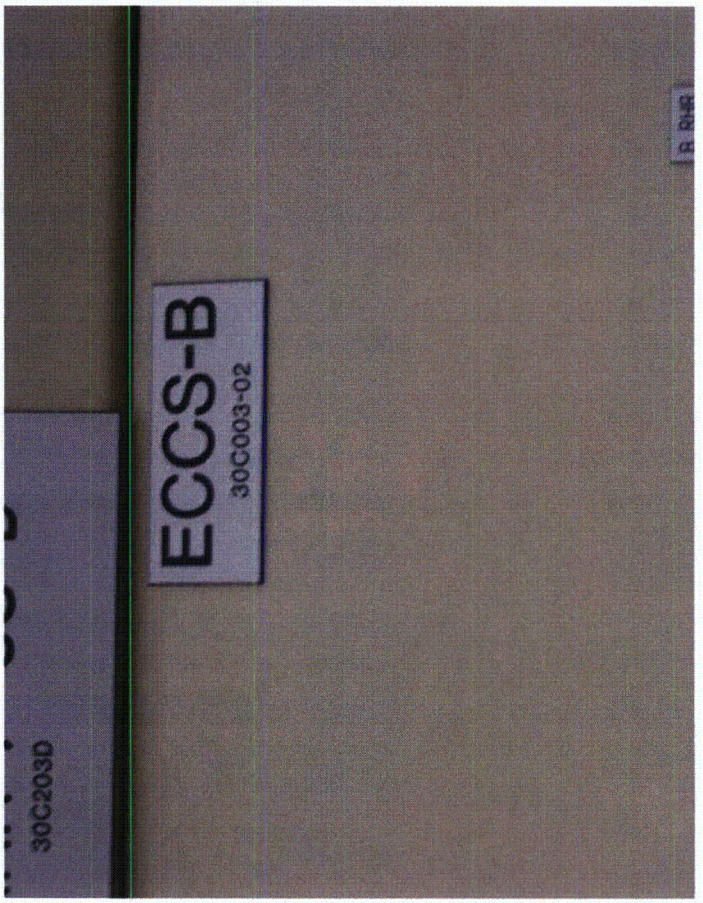
Comments (Additional pages may be added as necessary)

BMF 10/19/12

Evaluated by: M. Ozbaci Date: ~~8/31/12~~ 10/19/12

~~8/31/12~~ 10/19/12 BMF 10/19/12


PCIS/SRV
30C003-01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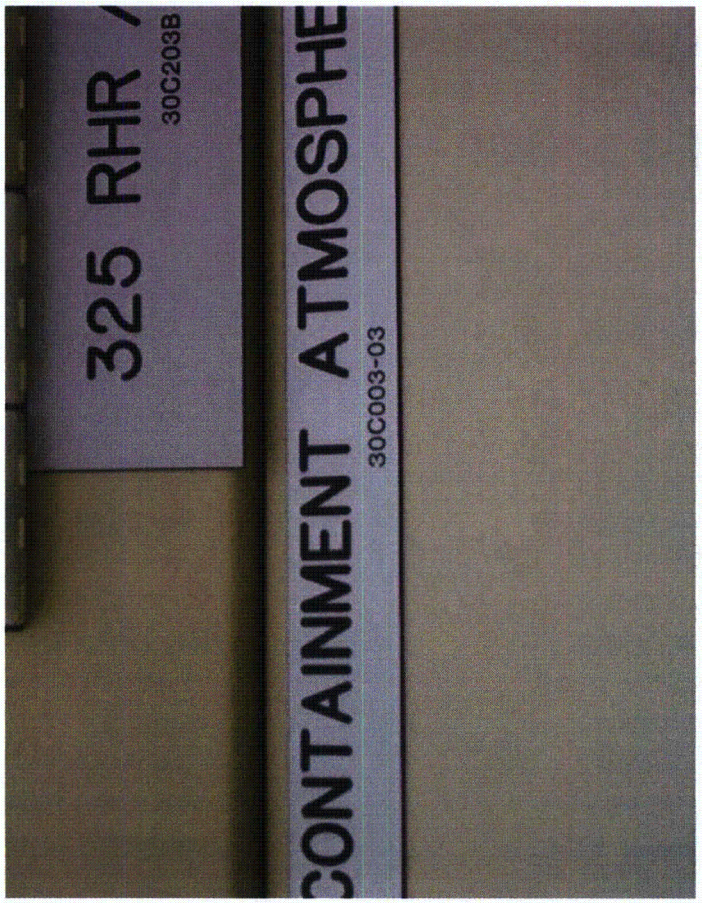
30C203D


325 RHR
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ECCS-A
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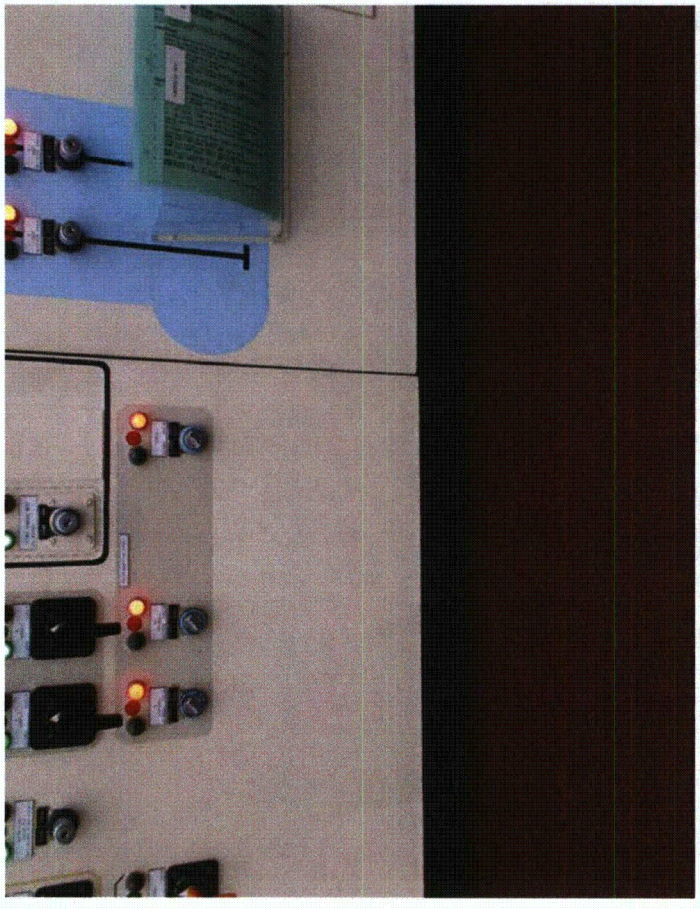

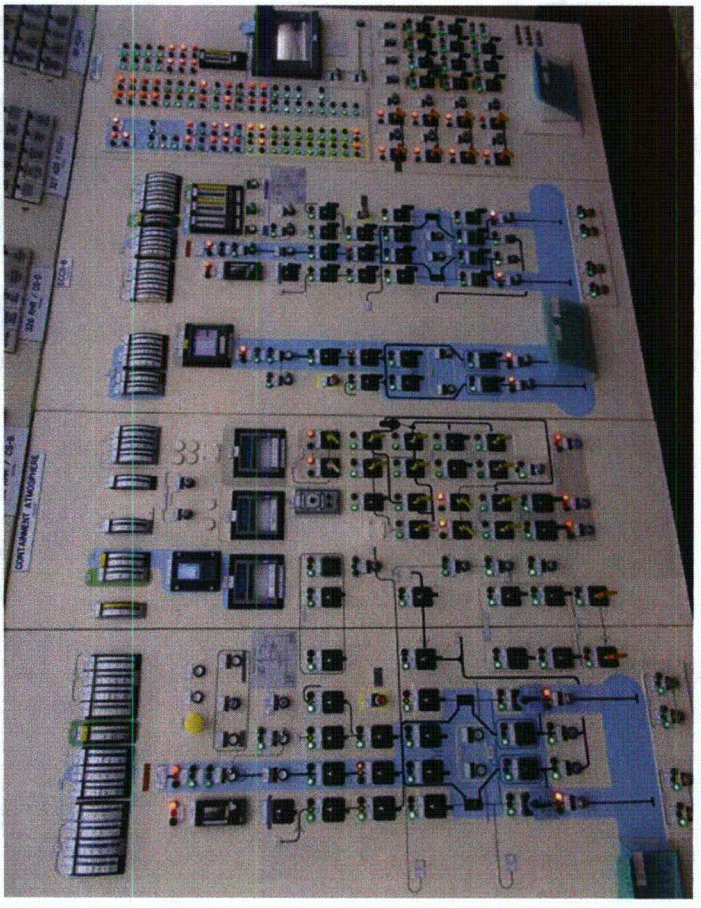

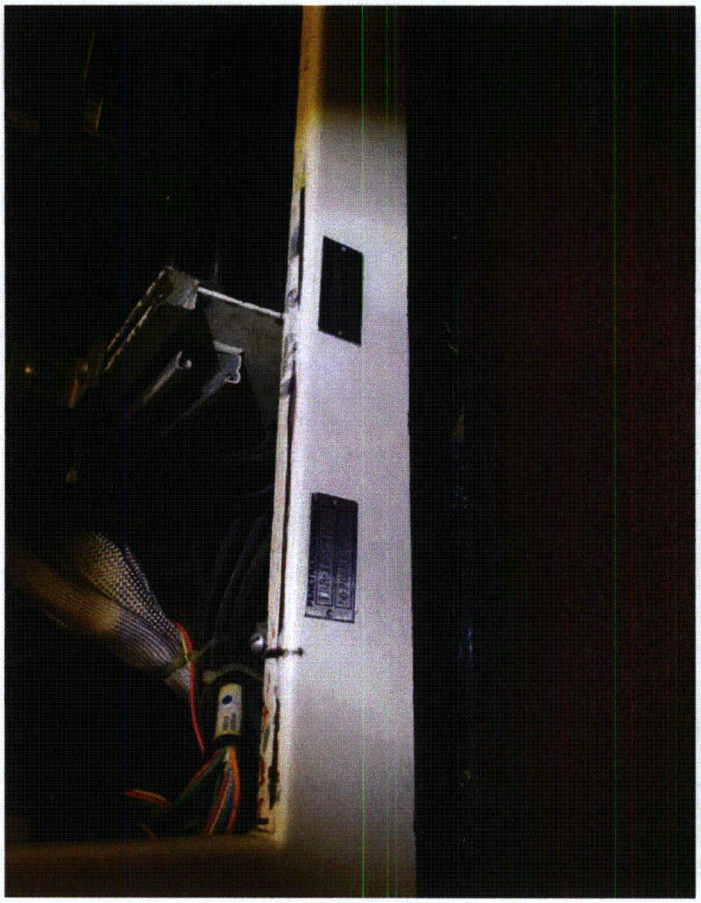

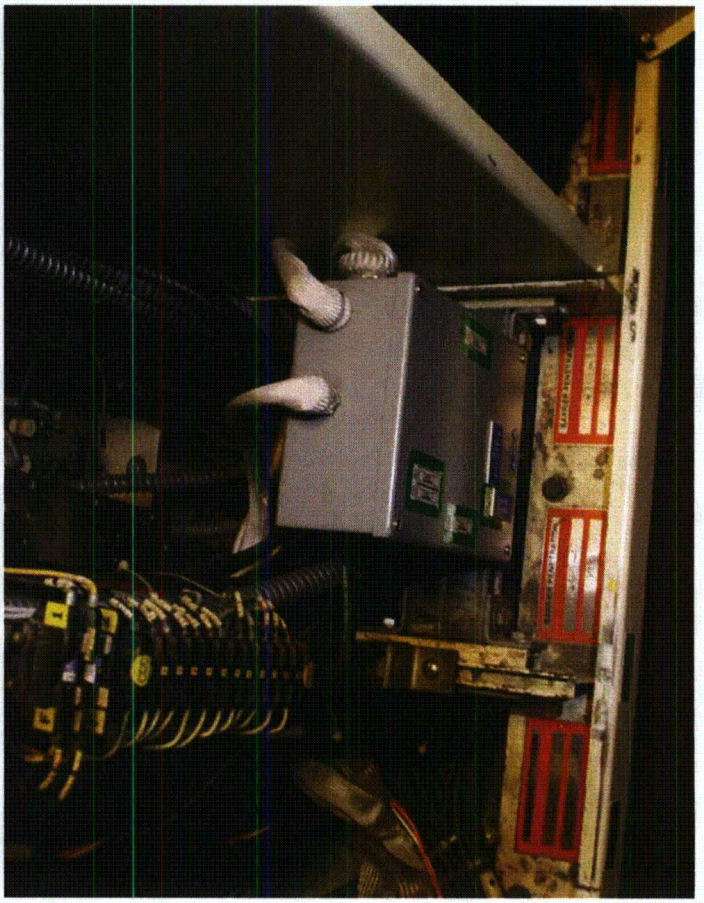

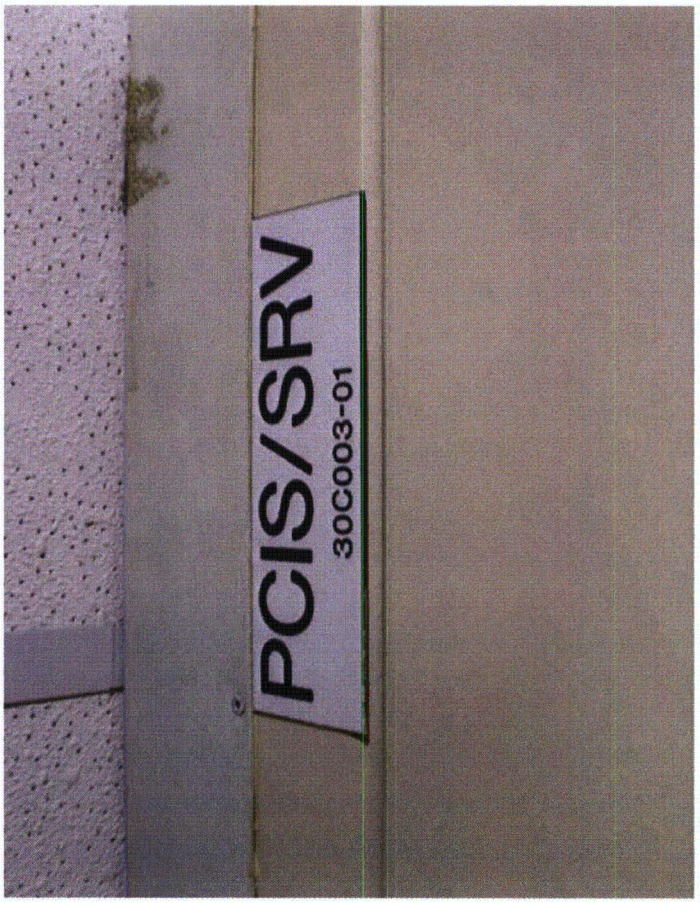
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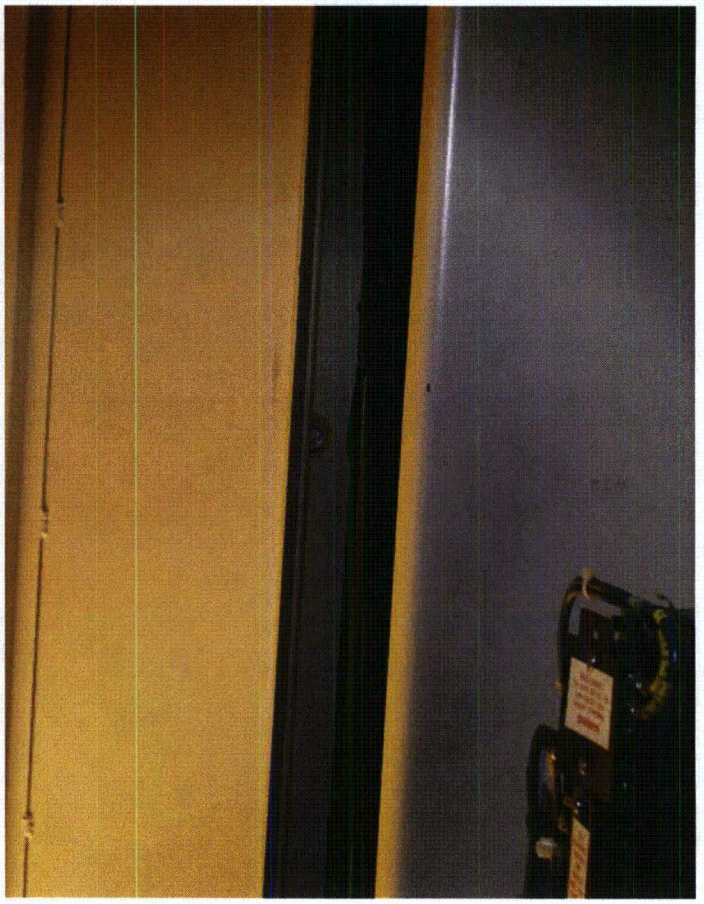
30C003-01


ECCS-B
30C003-02

Equipment ID: 30C003



Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 30C004C Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *RCIC Vertical Board*

Location: Bldg. *Turbine* Floor El. *165* Room, Area *T3-100*

Manufacturer, Model, Etc. (optional but recommended)

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

   RMF 6/29/12 ~~2"-12"~~ 1½"-9" Stitchweld in front of cabinet, back of cabinet, and on inside of cabinet. Cabinet bolted to adjacent cabinets.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

   Embedded channel in concrete. No cracks in concrete.

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐

   Verified to drawing S-1197 Rev 0. (Sheet 1 of 3)

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C004C Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *RCIC Vertical Board*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐
~~No soft targets outside of cabinet.~~ MO 8/31/12

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? BMF 10/19/12 Y☒ MO 10/18/12 Y☒ N☐ U☐ N/A☐
~~2'x4' ceiling tiles. Damage from falling tiles not credible.~~
~~Grating on fluorescent lighting.~~ BMF 10/19/12

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐
No attached lines

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

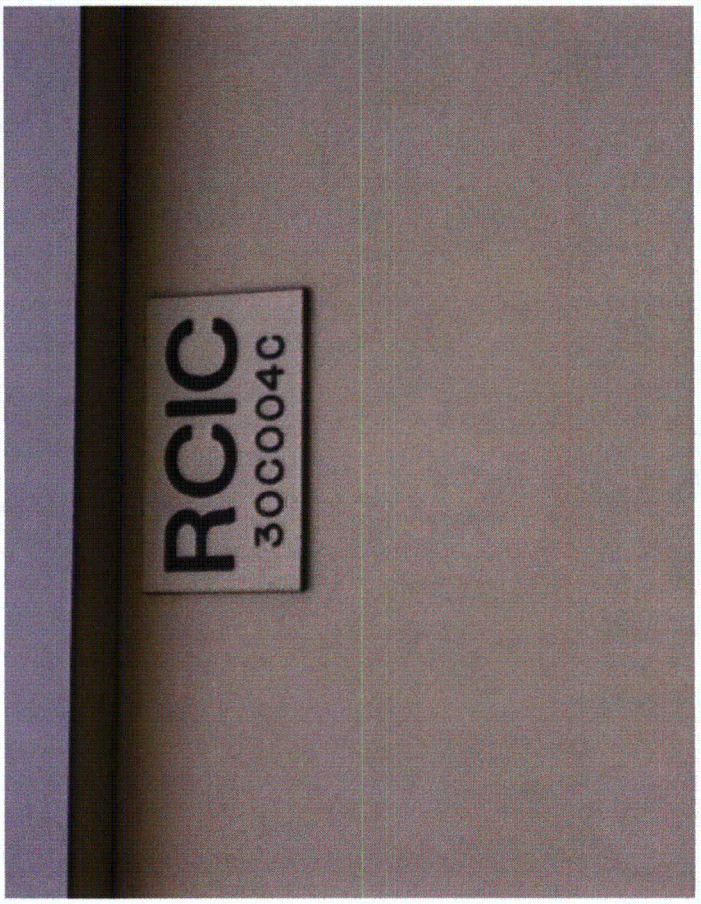
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

MCR ceiling consistent with Calc 26-5172-12, Revision 0. Calc 6-106-1 could not be located. See IR 01428651.

Evaluated by: Ben Fay Date: ~~8/29/12~~ 10/19/12 BMF 10/19/12

M. Oshaa ~~8/29/12~~ 10/19/12 MO 10/19/12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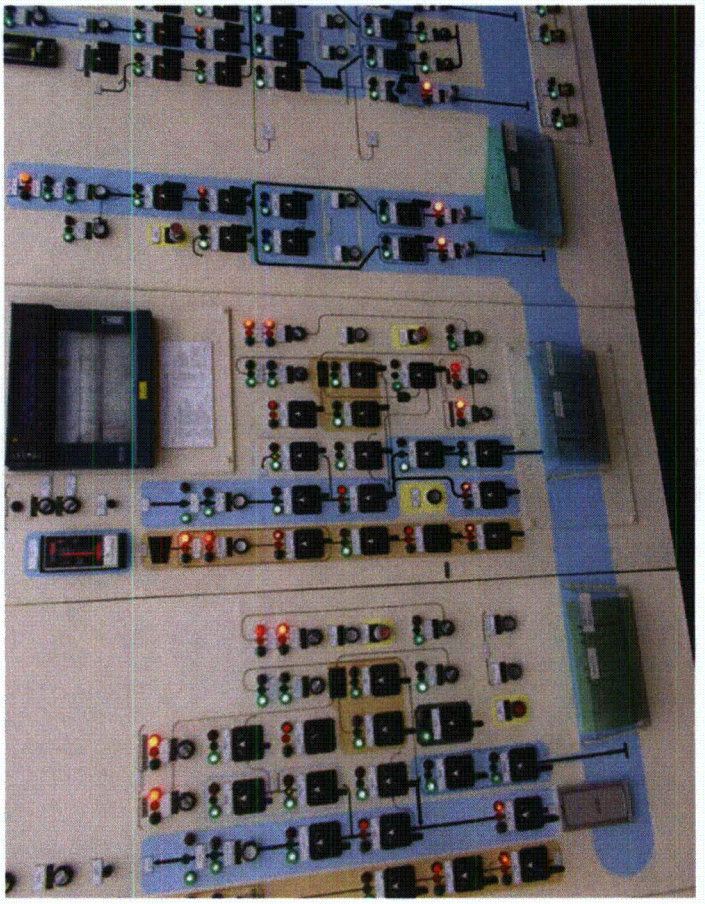
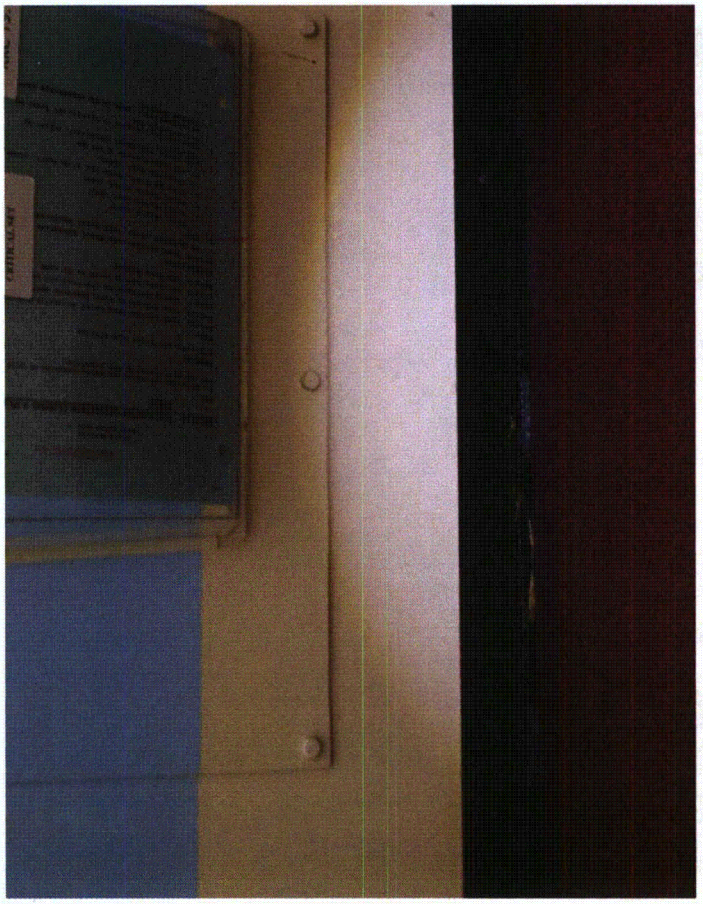
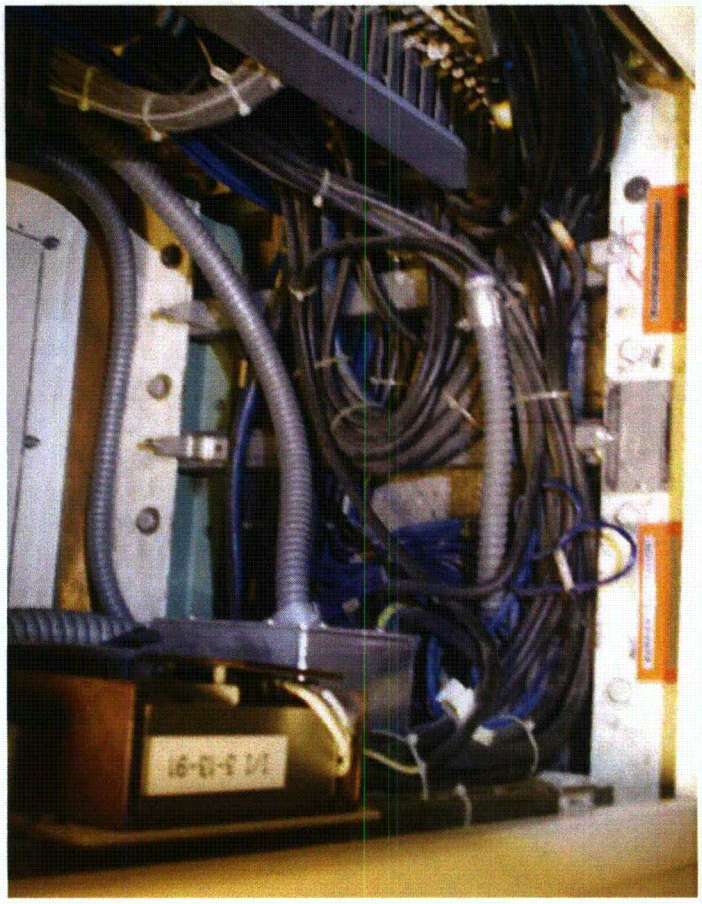
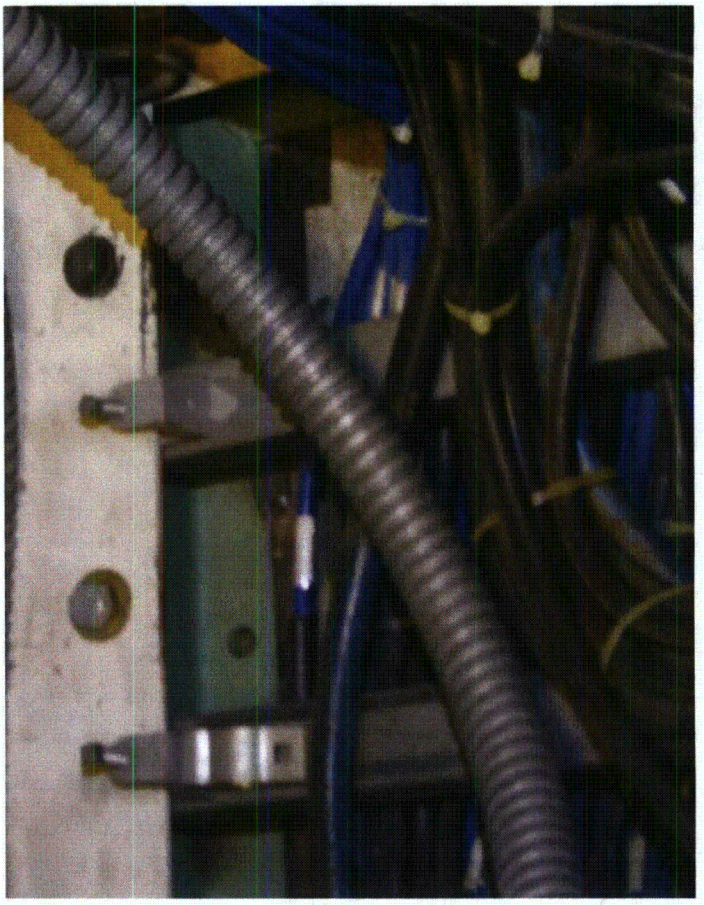
30C004C

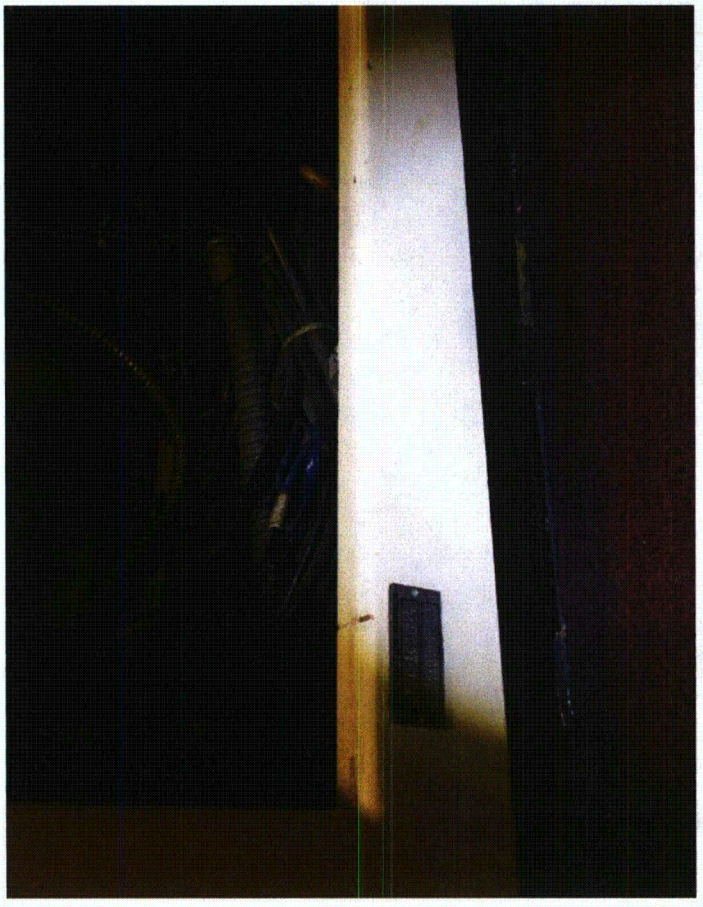




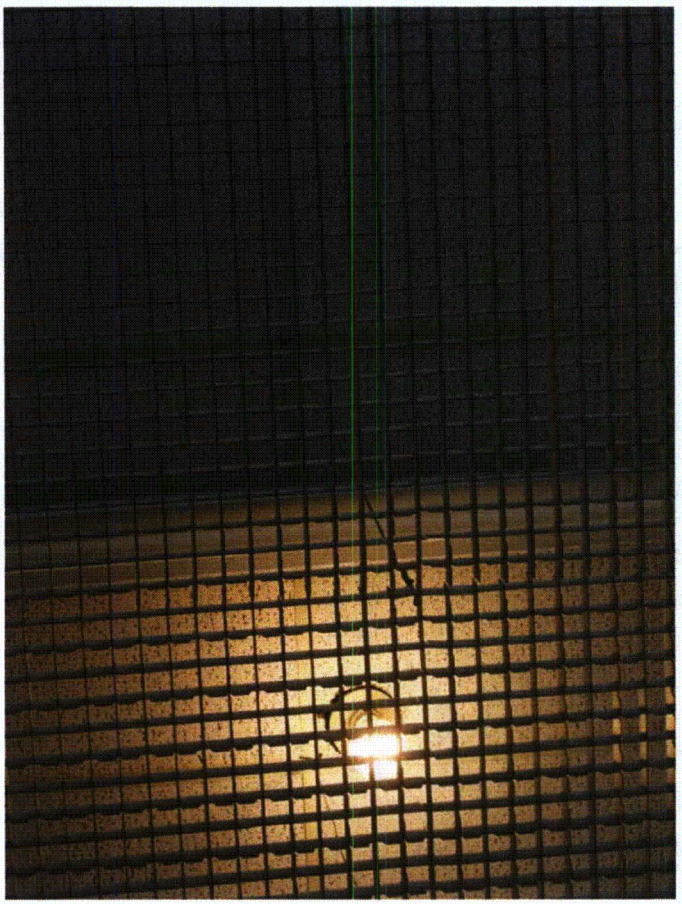

RCIC
30C004C

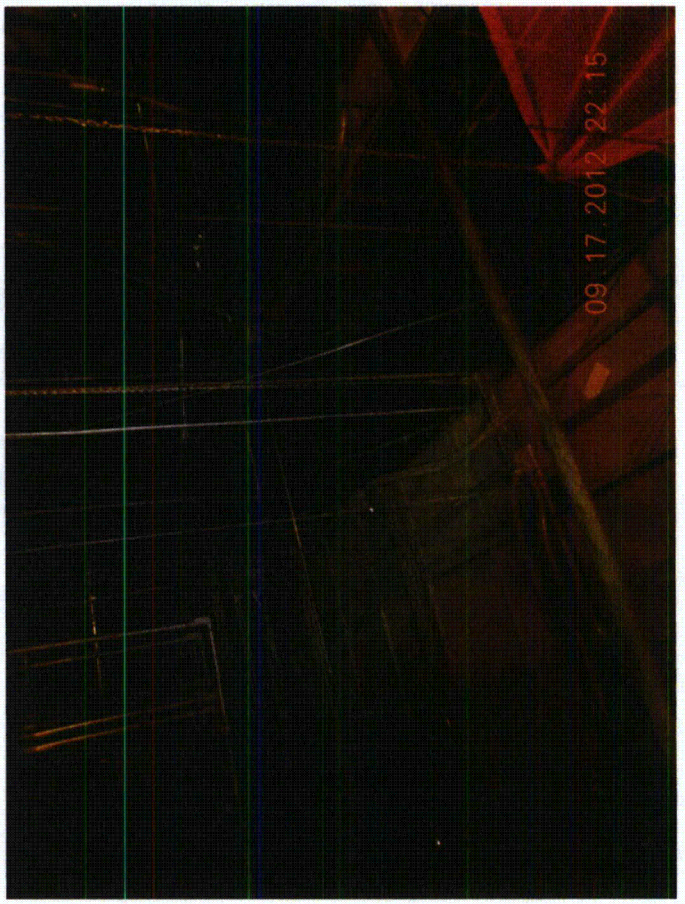






Equipment ID: 30C004C





Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 30C005A Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *Reactor Manual Control Board*

Location: Bldg. *Turbine* Floor El. *165* Room, Area *T3-100*

Manufacturer, Model, Etc. (optional but recommended)

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
Anchorage verified to Dwg. S-1197, sheet 3 of 3 (Rev. 0).

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C005A Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *Reactor Manual Control Board*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   MCR ceiling consistent with Calc 26-5/2-12, Revision 0. Calc 6-106-1 could not be located. See IR 01428651.

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

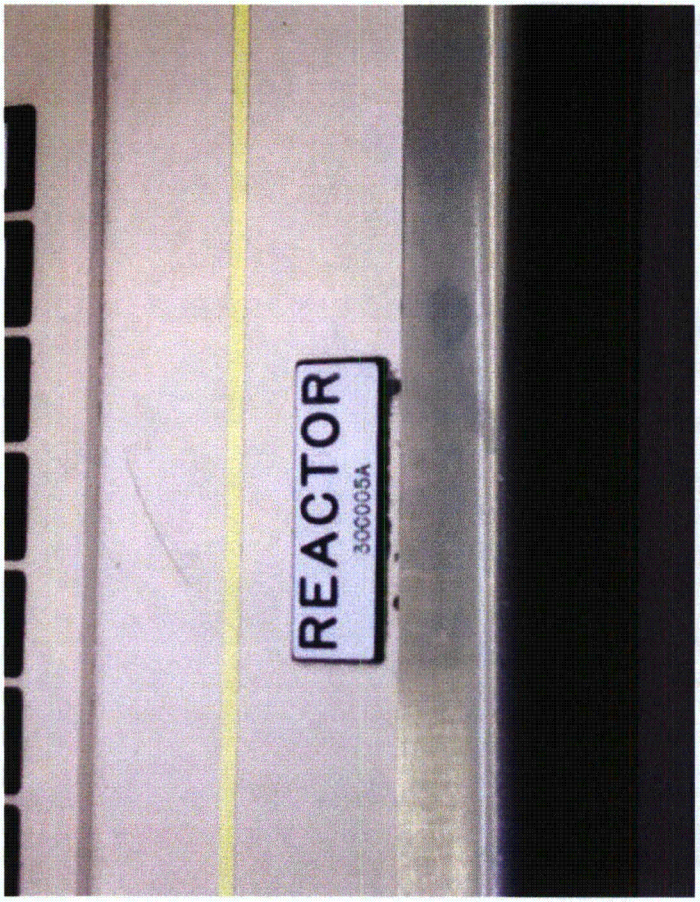
Other Adverse Conditions

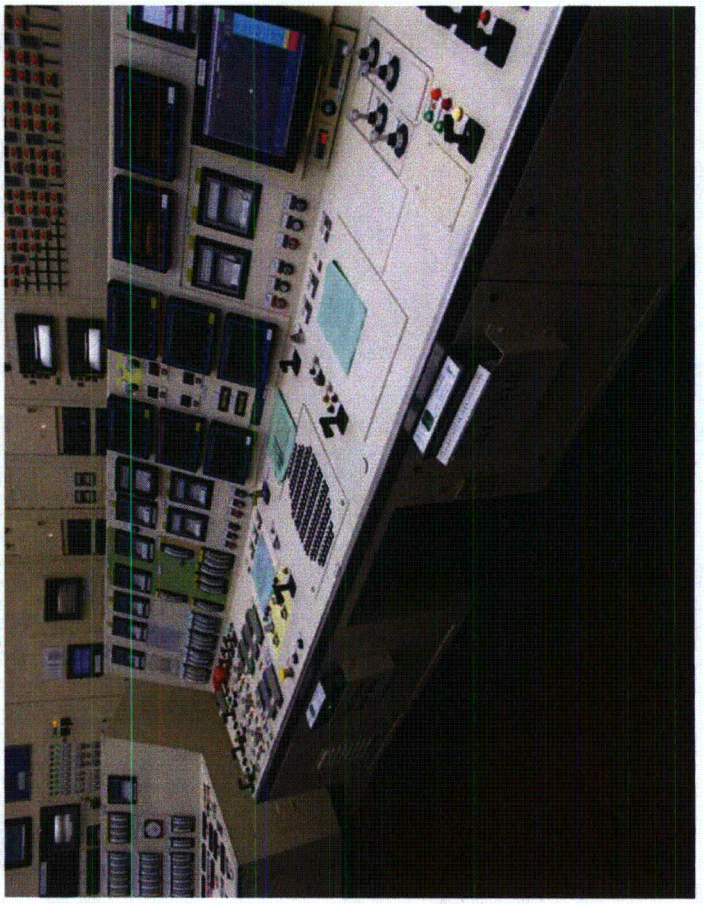
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

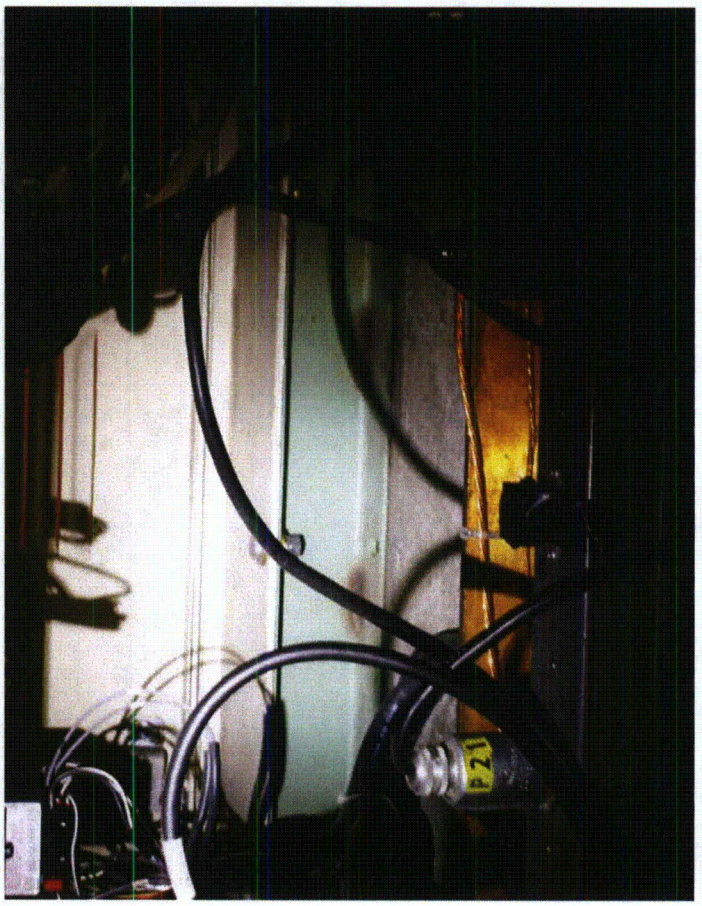
Comments (Additional pages may be added as necessary)

Evaluated by: [signature] Date: 10/19/12

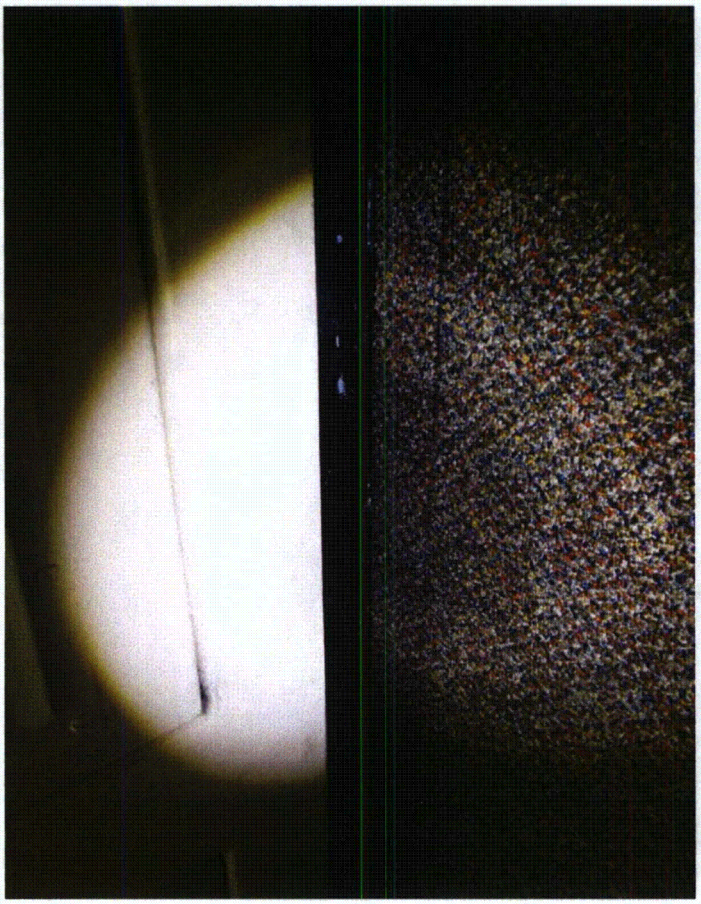
M. Ogbuaci 10/19/12

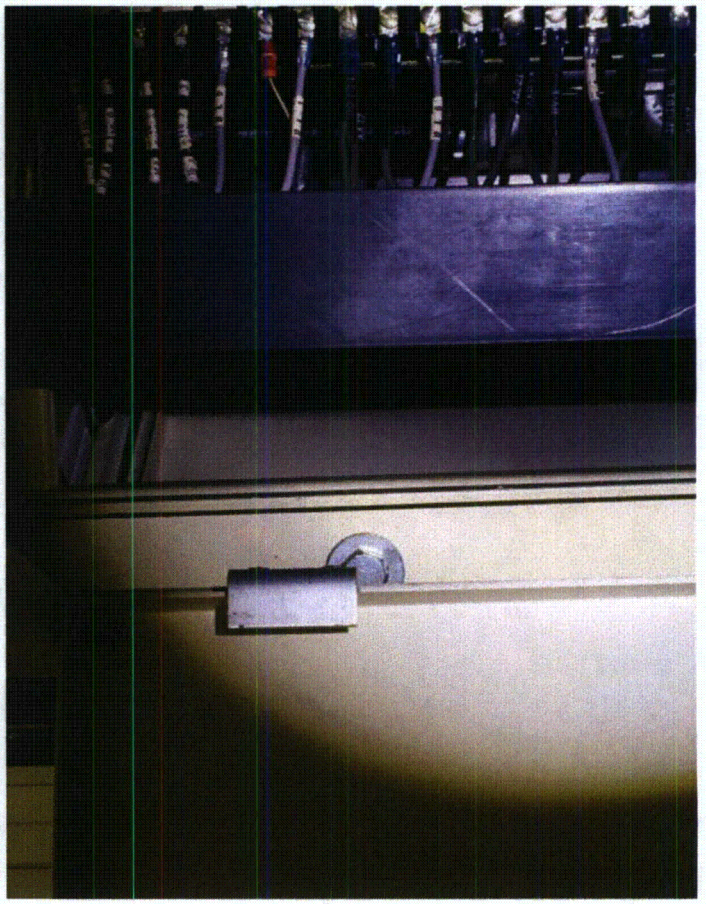

REACTOR
30C005A





Equipment ID: 30C005A





Seismic Walkdown Checklist (SWC)

Equipment ID No. 30C095 Equip. Class[12] (18) Instruments on Racks

Equipment Description RCIC Instrument Rack

Location: Bldg. Reactor Floor El. 88 Room, Area R3-15

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C095 Equip. Class[12] (18) Instruments on Racks

Equipment Description RCIC Instrument Rack

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

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

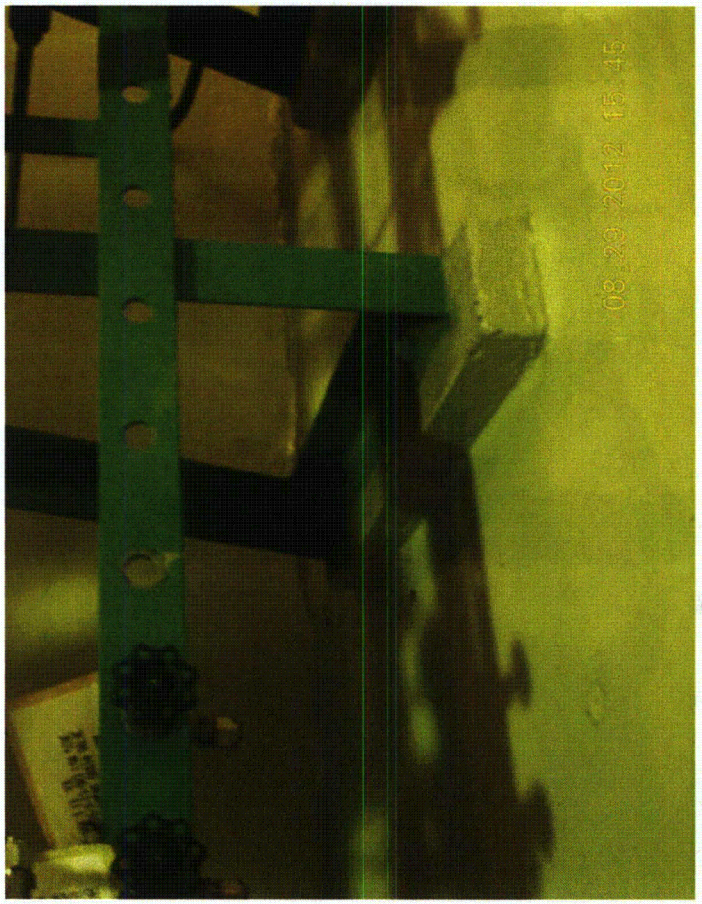
Comments (Additional pages may be added as necessary)

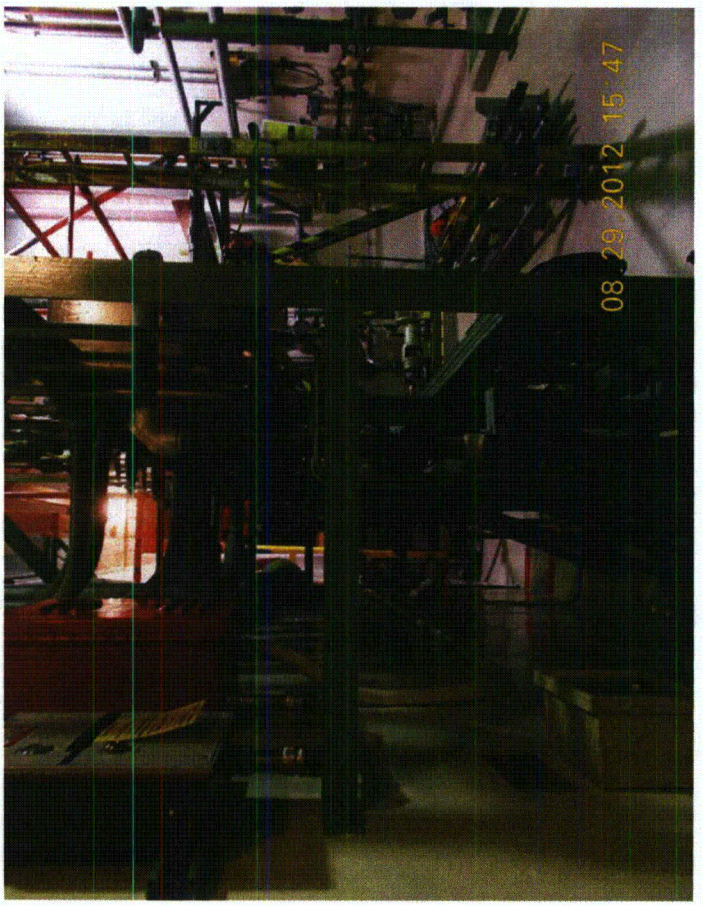
N/A

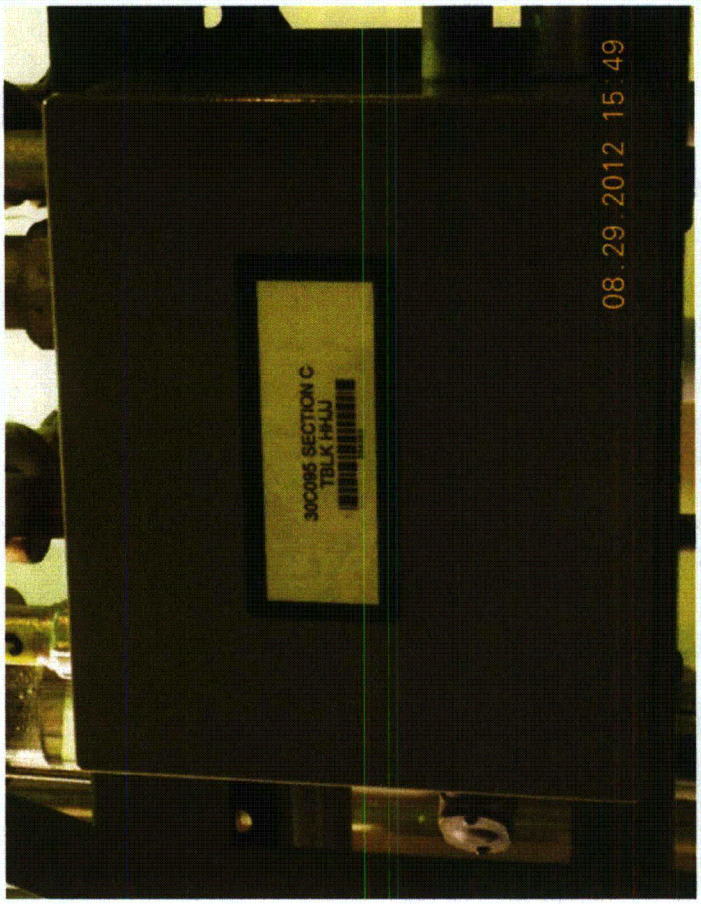
Evaluated by: James Wiggin Date: 9/17/2012

9/17/2012

Equipment ID: 30C095



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30C095 SECTION C
TBLK H&LJ


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Seismic Walkdown Checklist (SWC)

Equipment ID No. 30C32 Equip. Class[12] (20) CONTROL PANELS AND CABINETS

Equipment Description (3-SECTION CABINET)

Location: Bldg. TURB Floor El. 150' Room, Area CSR

Manufacturer, Model, Etc. (optional but recommended) EGR SAFEGUARD SUBSYS I

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
CONSISTENT W/DWG #6280-3-1198, SHT 3 OF 4, REV. Ø

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C32 Equip. Class[12] (20) CONTROL PANEL AND CABINETS

Equipment Description 3-SECTION CABINET

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐
   GAP BETWEEN THIS CABINET & ADJACENT CABINET (~1") IS FILLED WITH DAMPING MATERIAL
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   NO II/I CONCERNS
9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐
   RIGID CONDUIT OK
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

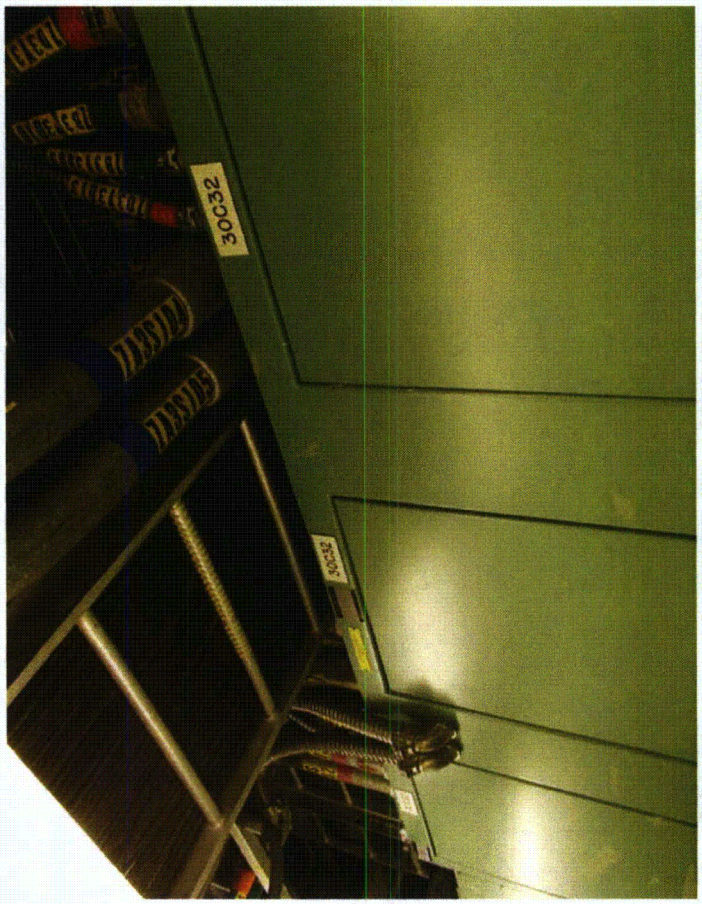
Other Adverse Conditions

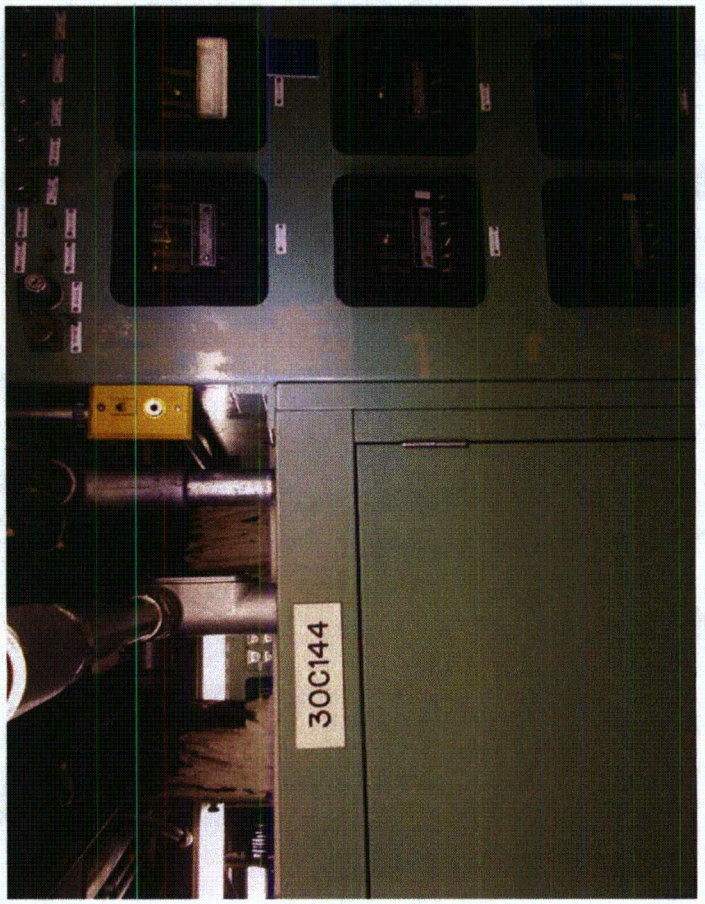
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

Evaluated by: _____ Date: 10/8/12

_____ 10-8-2012


30C32
30C32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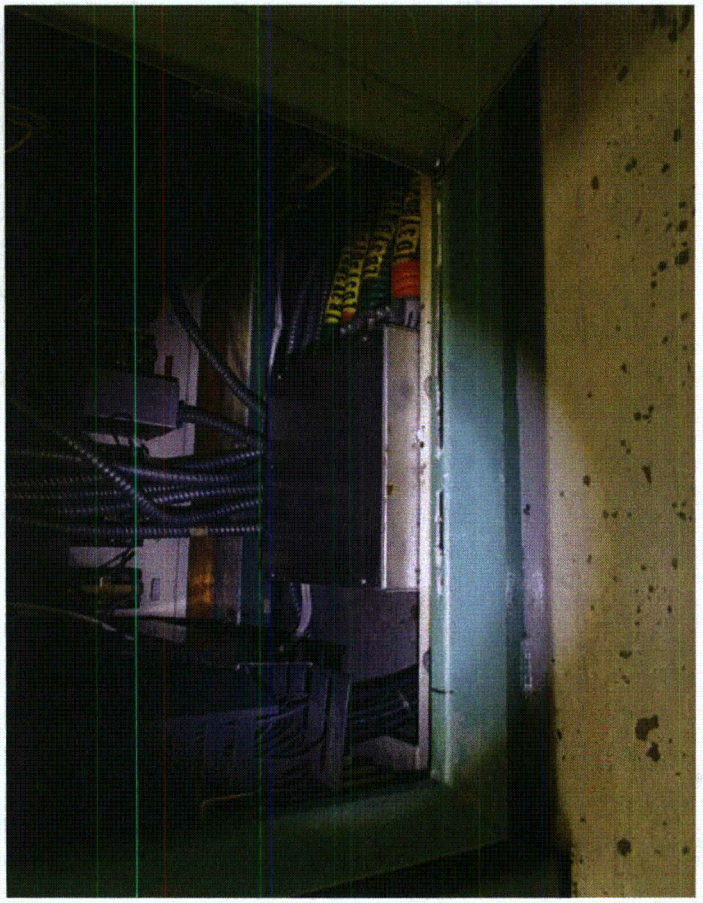
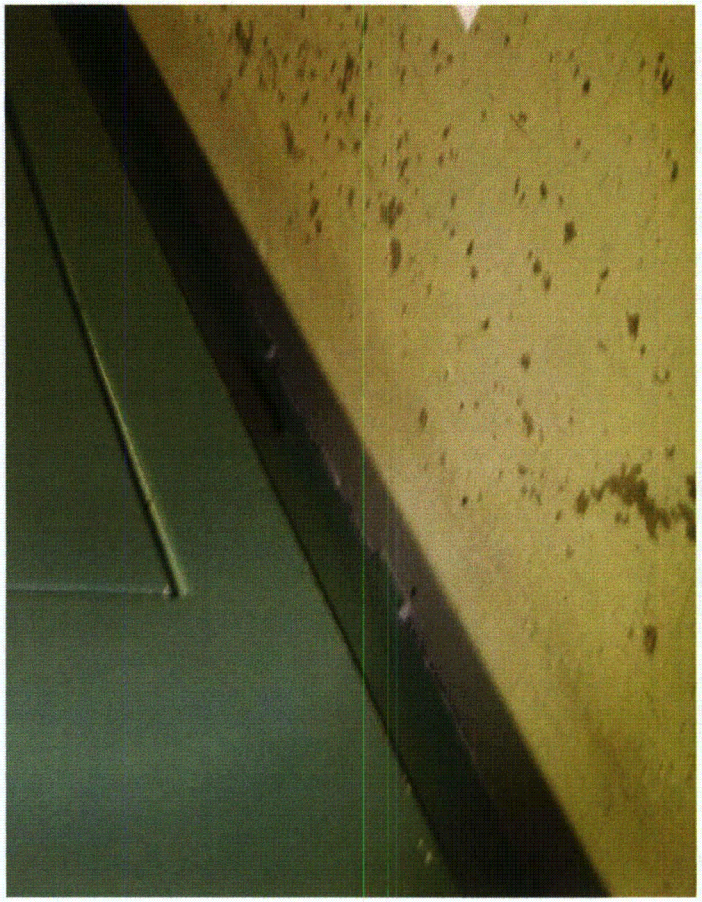
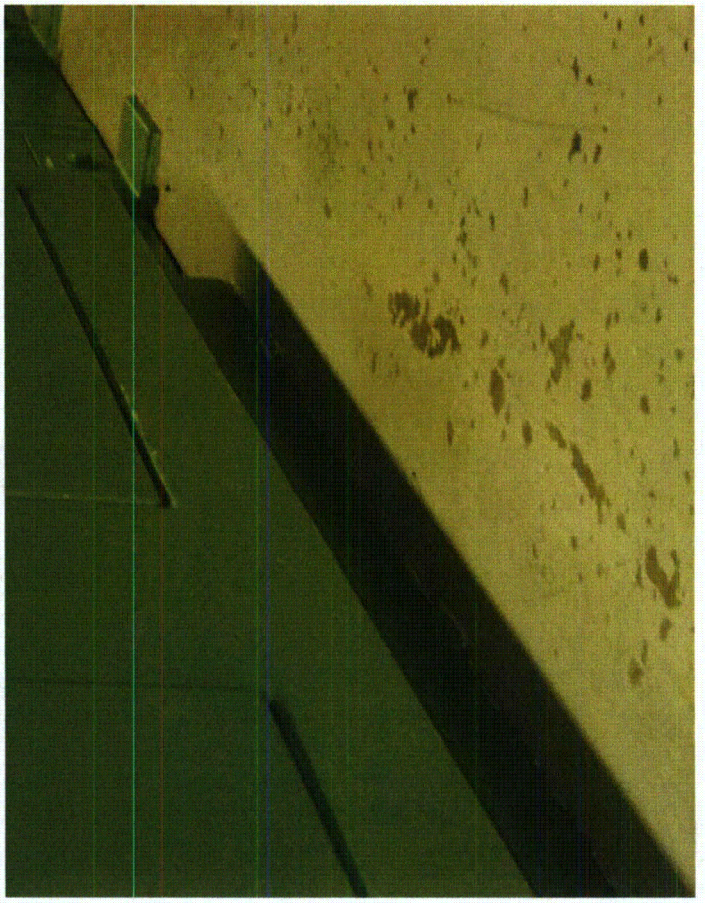
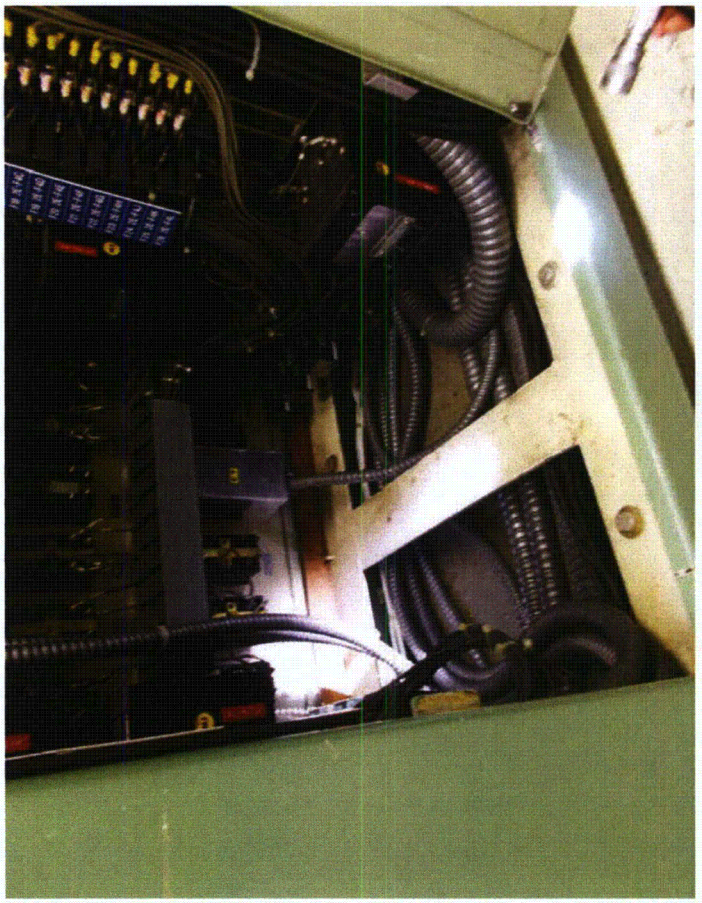
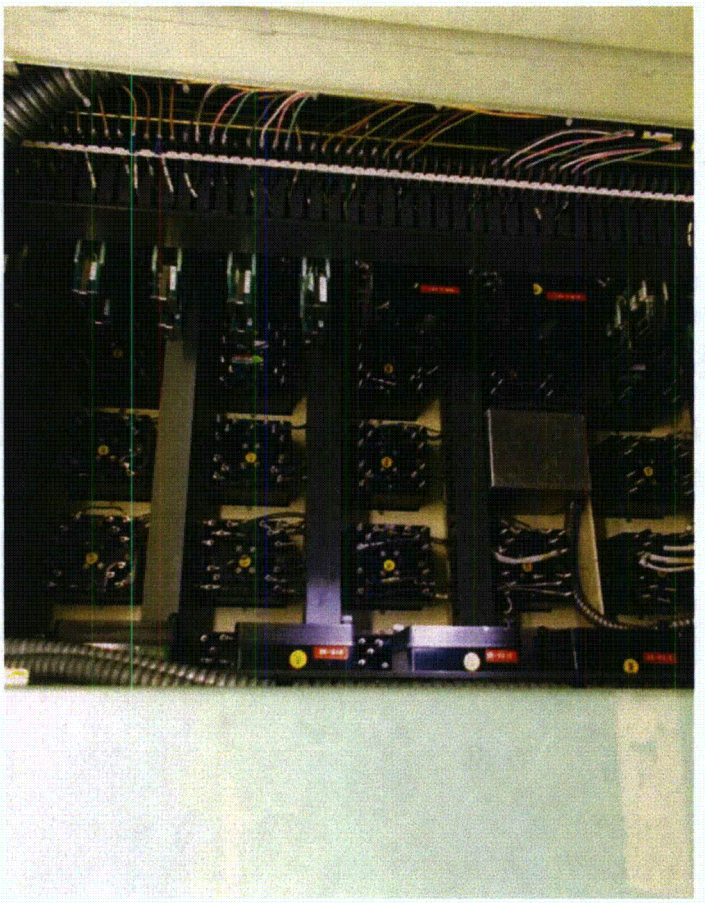


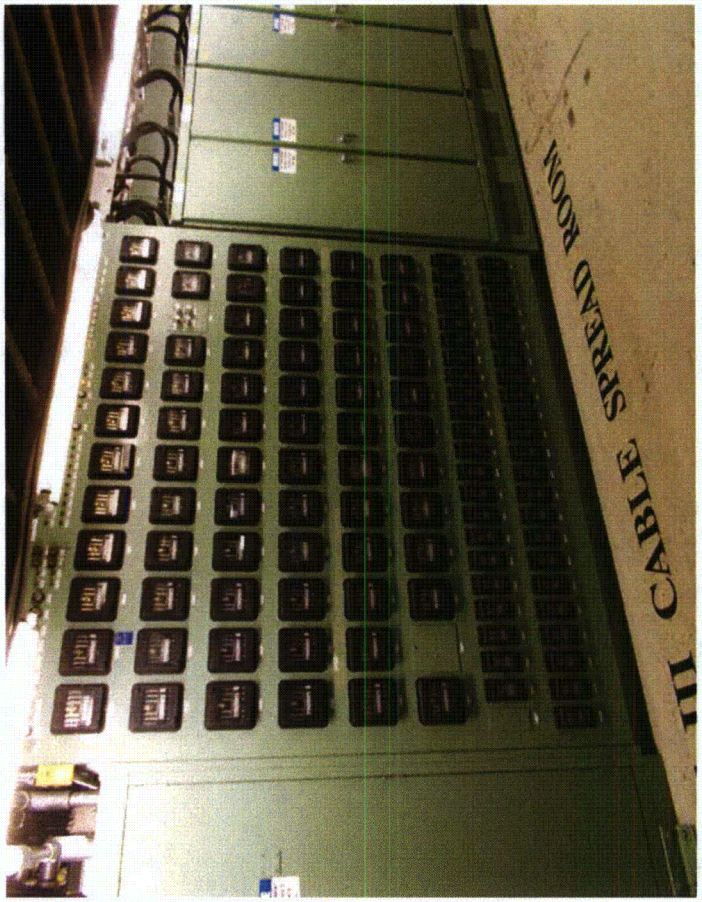
Equipment ID: 30C32

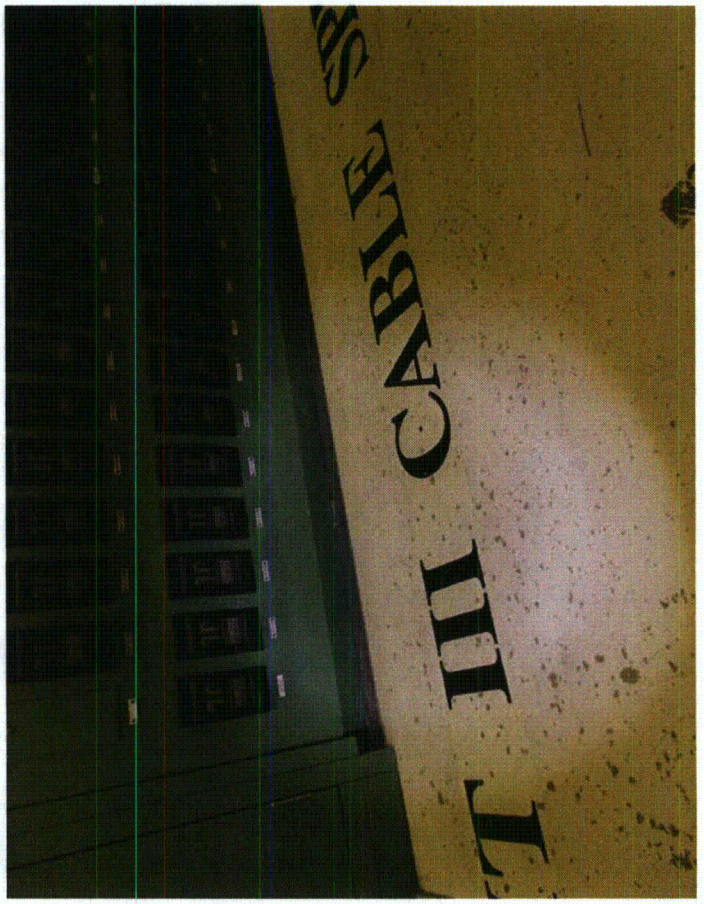









III CABLE SPREAD ROOM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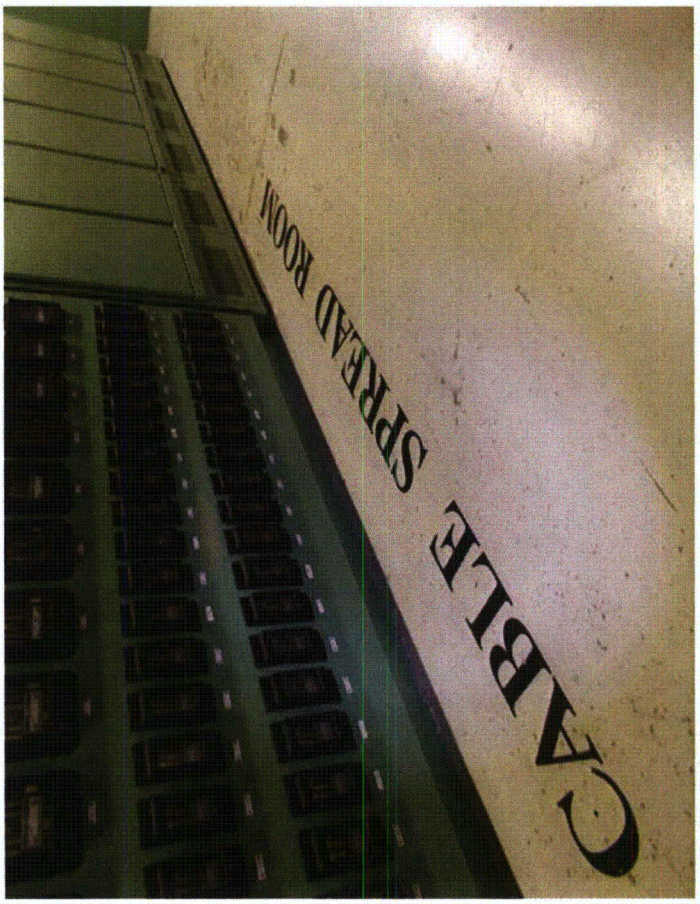
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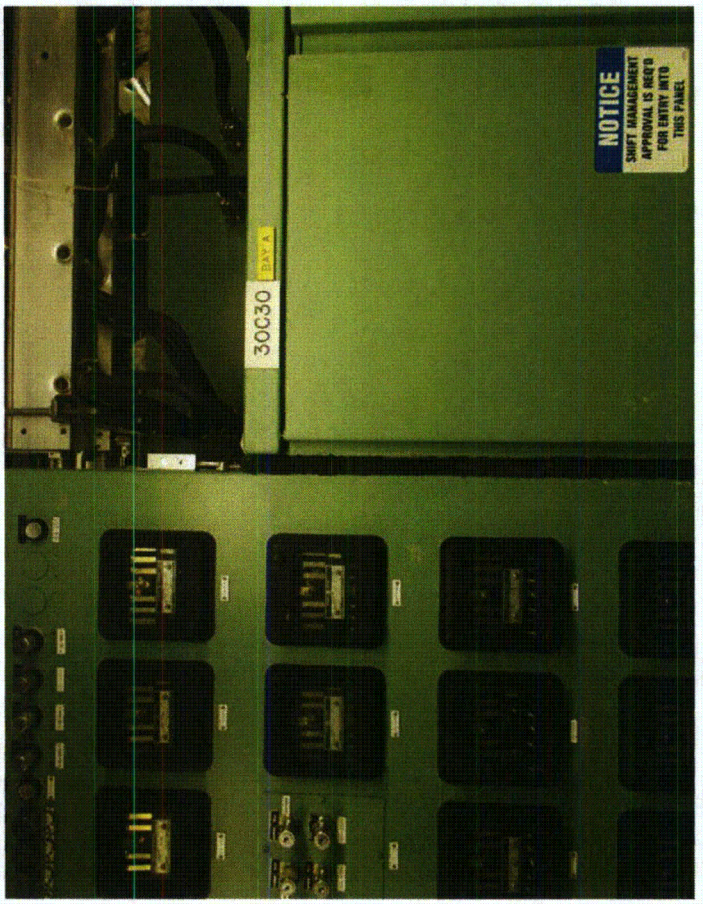

NOTICE
SHIFT MANAGEMENT APPROVAL IS REQ'D FOR ENTRY INTO THIS PANEL
30C30

Seismic Walkdown Checklist (SWC)

Equipment ID No. 30C33 Equip. Class[12] (20) CONTROL PANELS AND CABINETS

Equipment Description (3-SECTION CABINET)

Location: Bldg. TRB Floor El. 150' Room, Area CSR

Manufacturer, Model, Etc. (optional but recommended) EGR SAFEGUARD SUB-345 II

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
CONSISTENT W/DWG # 6280-S-1198, REV. 9 SHT 3 OF 4 PLUS EXTRA SMALL FILLETS ALONG S. BASE

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C33 Equip. Class[12] (20) CONTROL PANELS AND CABINETS

Equipment Description 3-SECTION CABINET

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐
   INTERNAL BOLTS & TOP CORNER R WELDED TO ADJACENT CABINETS

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   NO II/I CONCERNS

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐
   RIGID CONDUIT OK

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

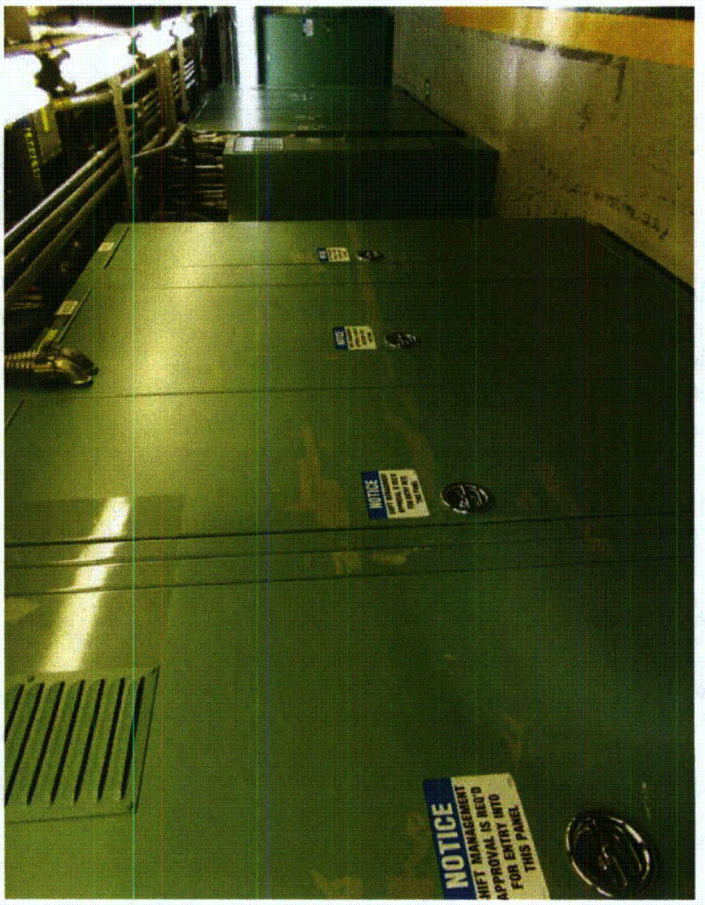
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

Comments (Additional pages may be added as necessary)

Evaluated by: Ben Fay Date: 10/8/12

10-8-2012


30C33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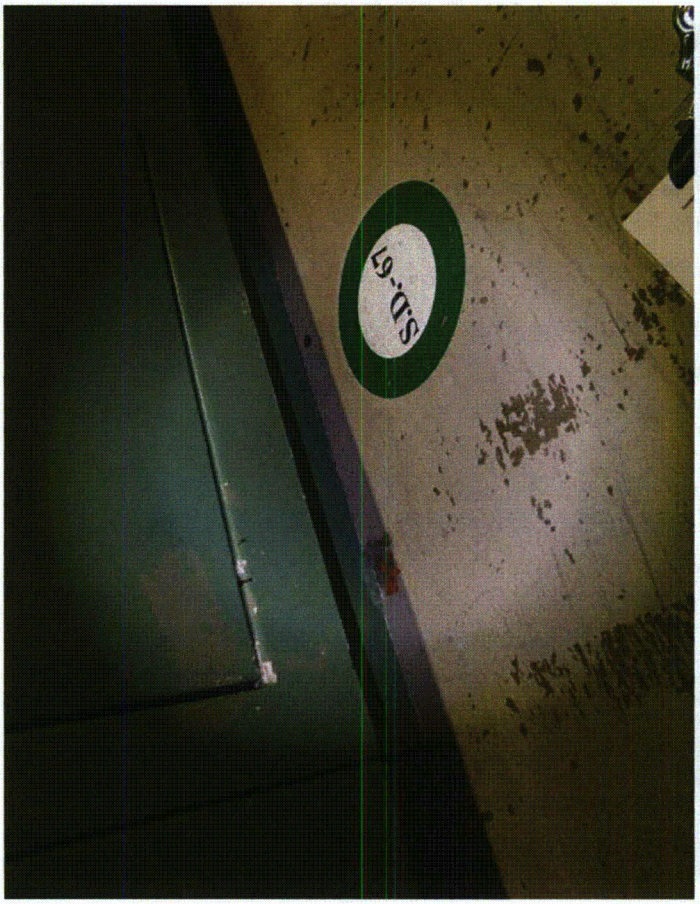
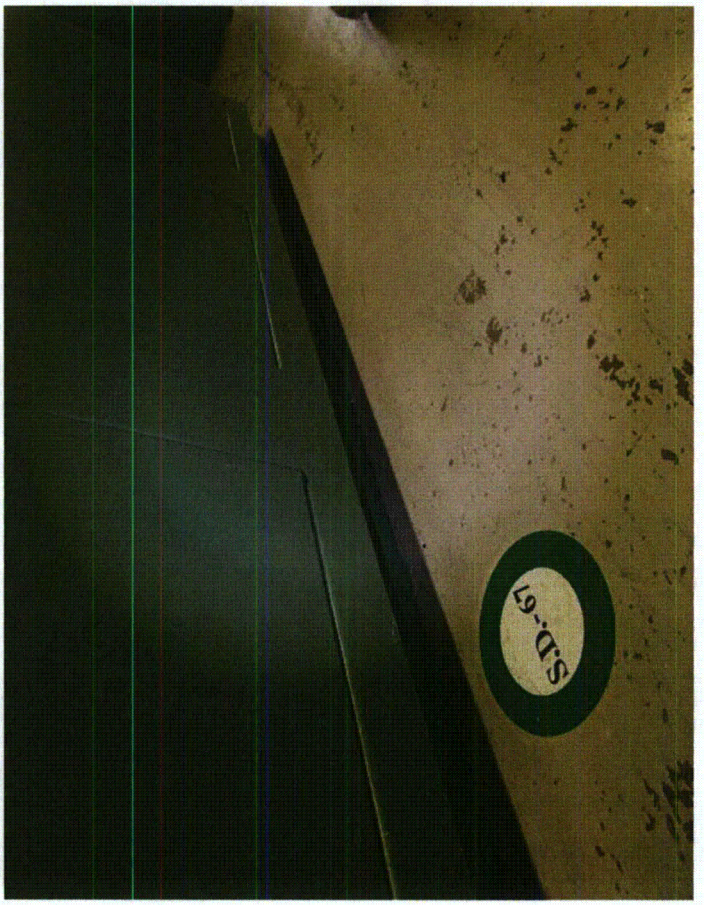

S.D.-67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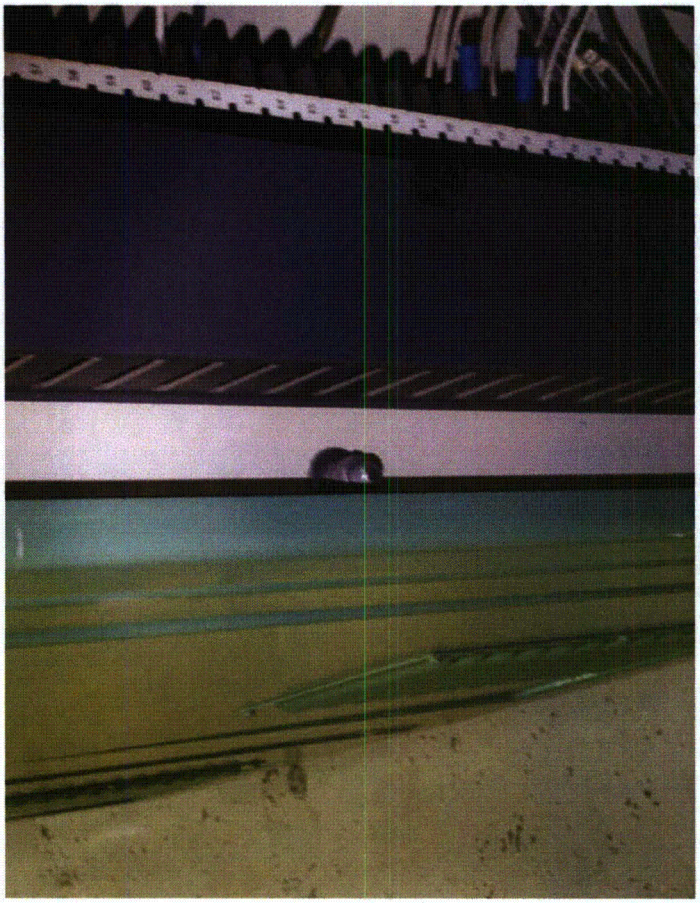
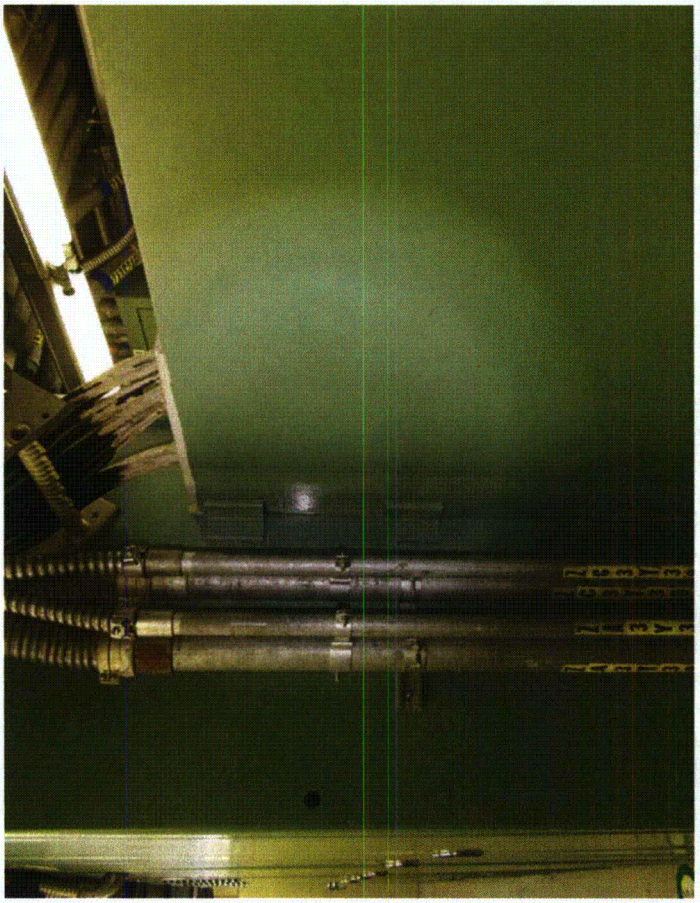
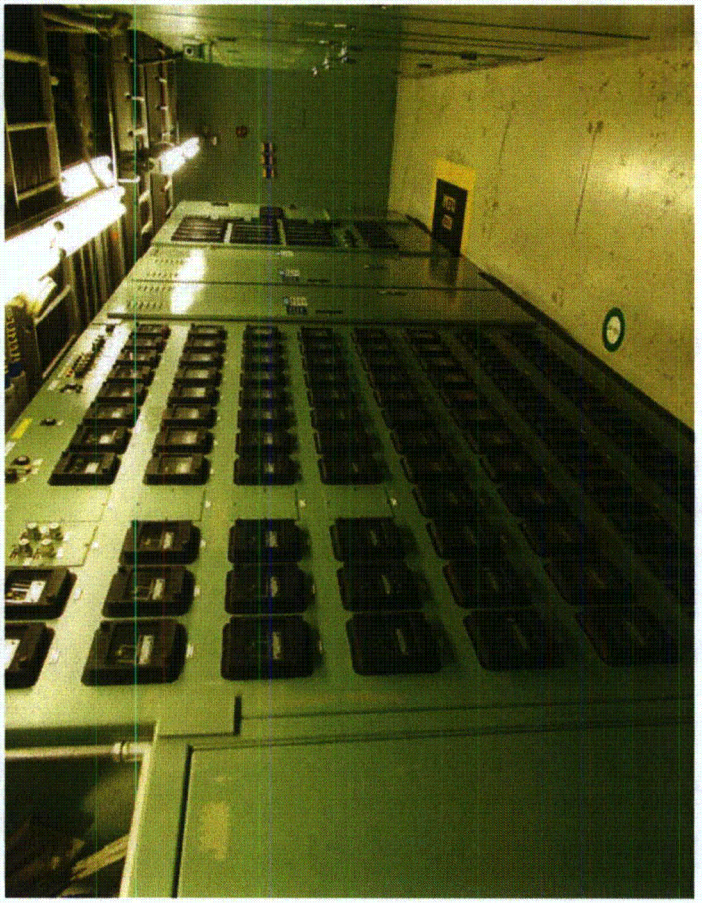






Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 30C34 Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *RCIC Relay Panel*

Location: Bldg. *Turbine* Floor El. *150* Room, Area *T3-81*

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
CONSISTENT W/DWG # 6280-S-1192, R. 0, SHT 3 OF 4
EXTRA SMALL WELD ON S. BASE

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C34 Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *RCIC Relay Panel*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐
   INTERNAL BOLTING TO ADJACENT CABINETS

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   NO II/I CONCERNS

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐
   RIGID CONDUIT OK

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

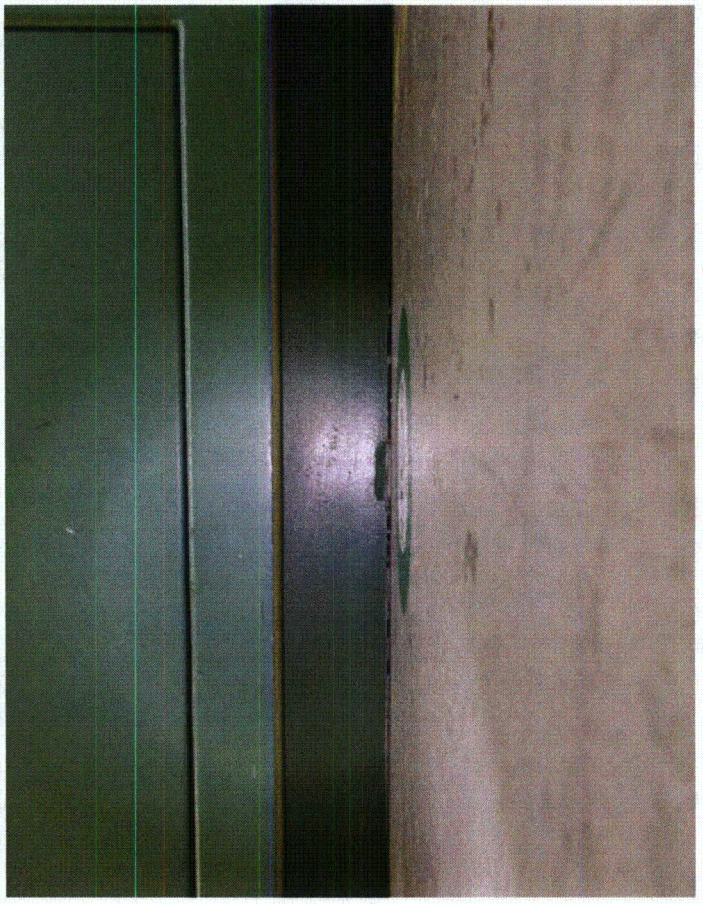
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☐ U☐

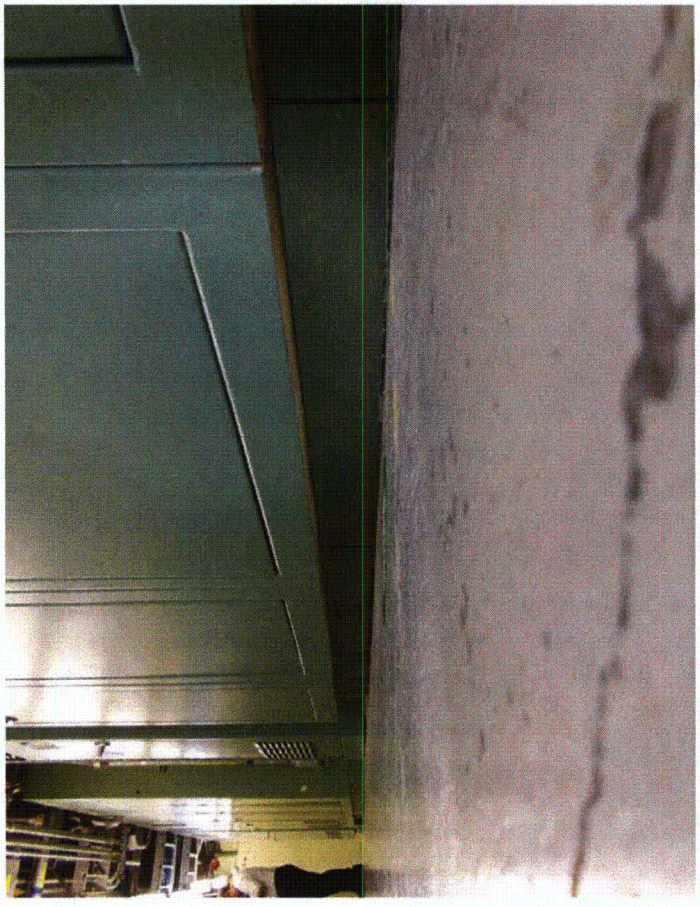
Comments (Additional pages may be added as necessary)

Evaluated by: Ben Fry Date: 10/8/12

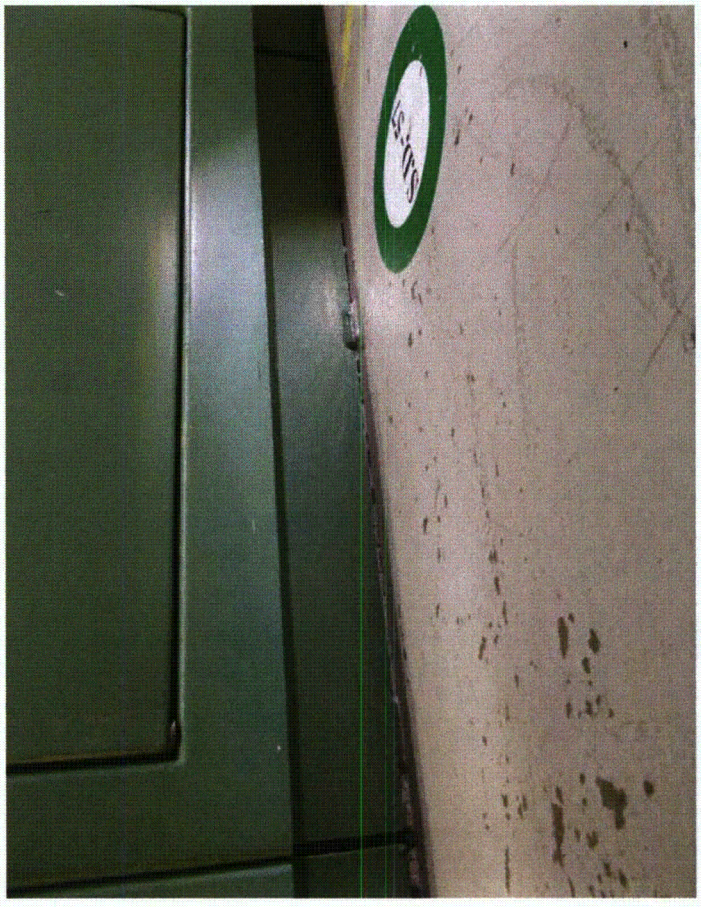
10-8-2012


30C34

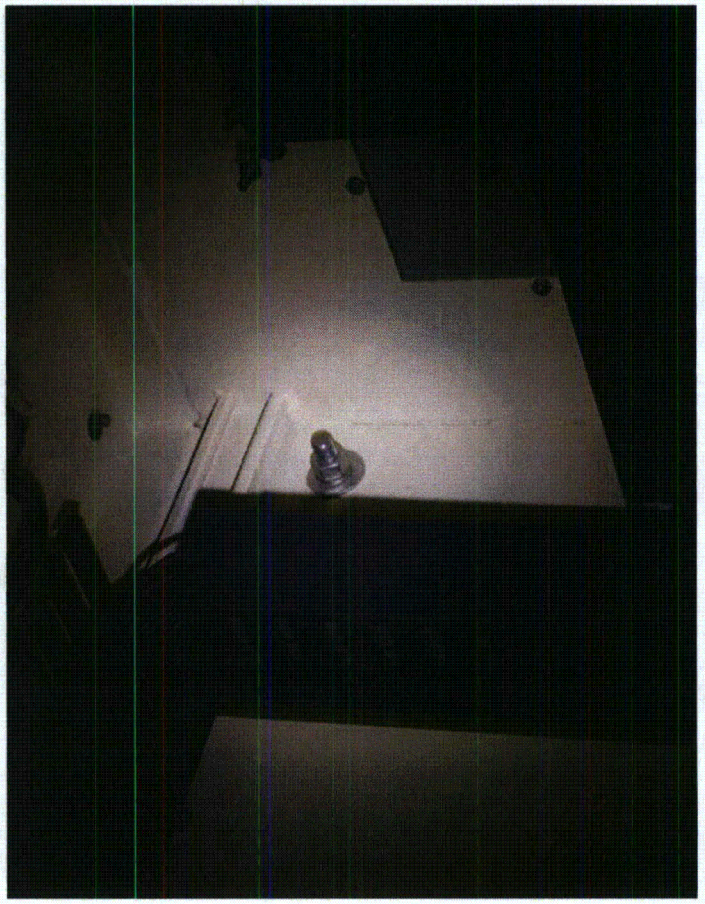




Equipment ID: 30C34



Equipment ID: 30C34



Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 30C722A Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *Accident Monitoring Instrumentation Panel*

Location: Bldg. *Turbine* Floor El. *150* Room, Area *T3-81*

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
CONSISTENT WITH DWG #6280-S-1198, REV. 9 SHT 4 OF 4 PLUS EXTRA EXTERNAL FILLET WELDS TO EMBED CHANNEL (ONLY 3)

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C722A Equip. Class[12] (20) Control Panels & Cabinets

Equipment Description *Accident Monitoring Instrumentation Panel*

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐
   NO SOFT TARGETS

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   NO H/I CONCERNS

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐
   RIGID CONDUIT; SUFFICIENT DISTANCE TO SUPPORTS - ~~NOT [illegible]~~

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

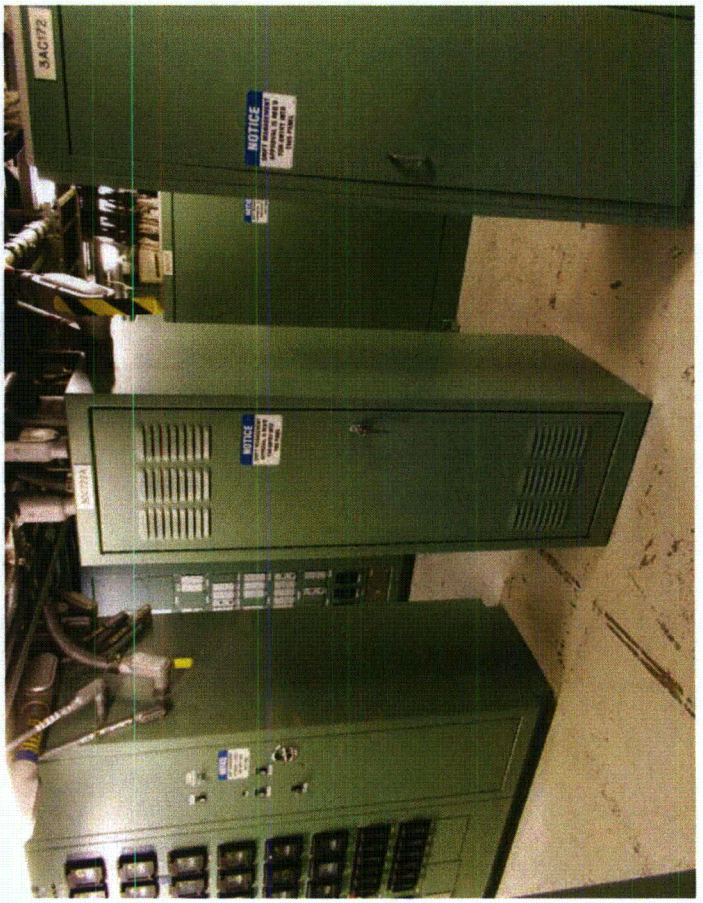
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☒ U☐ 10-15-2012 BMF 10/15/12
   ~~##~~ LOWER ROW OF FLOW DETECTOR RACK - VISIBLE FROM SOUTH DOOR OPENING - ~~[illegible]~~ LOOSE SCREW ON RIGHT SIDE. IR # 1424662. NOT CONSIDERED SEISMICLY SIGNIFICANT.

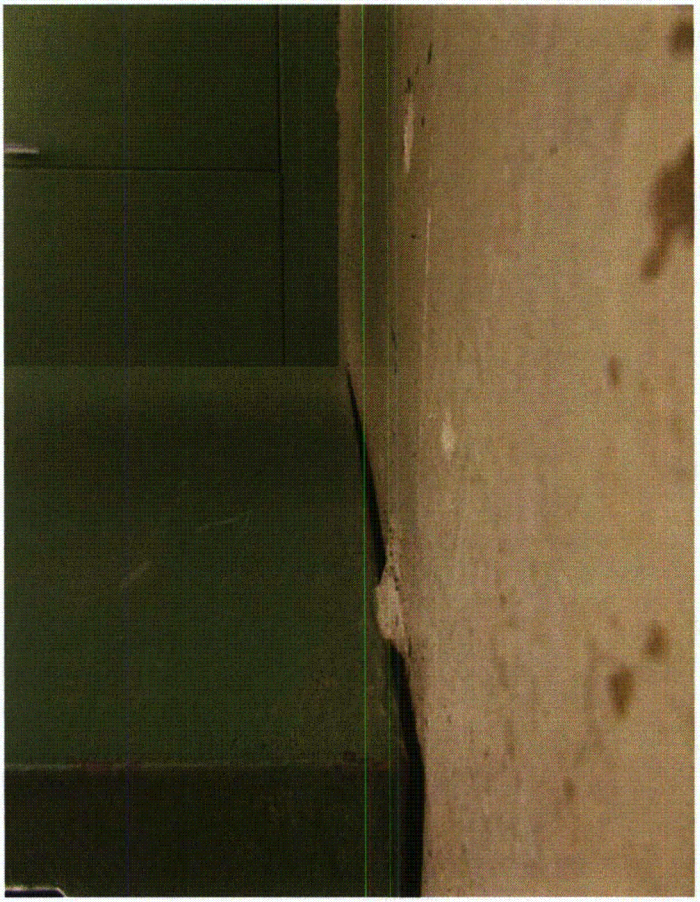
Comments (Additional pages may be added as necessary)

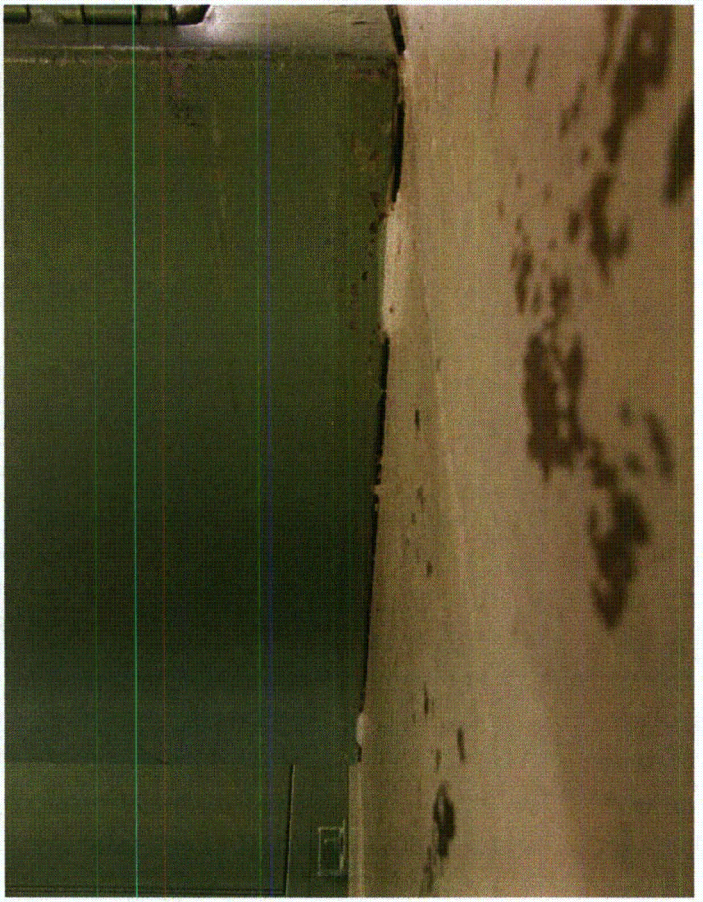
Evaluated by: Ben Fry Date: 10/15/12

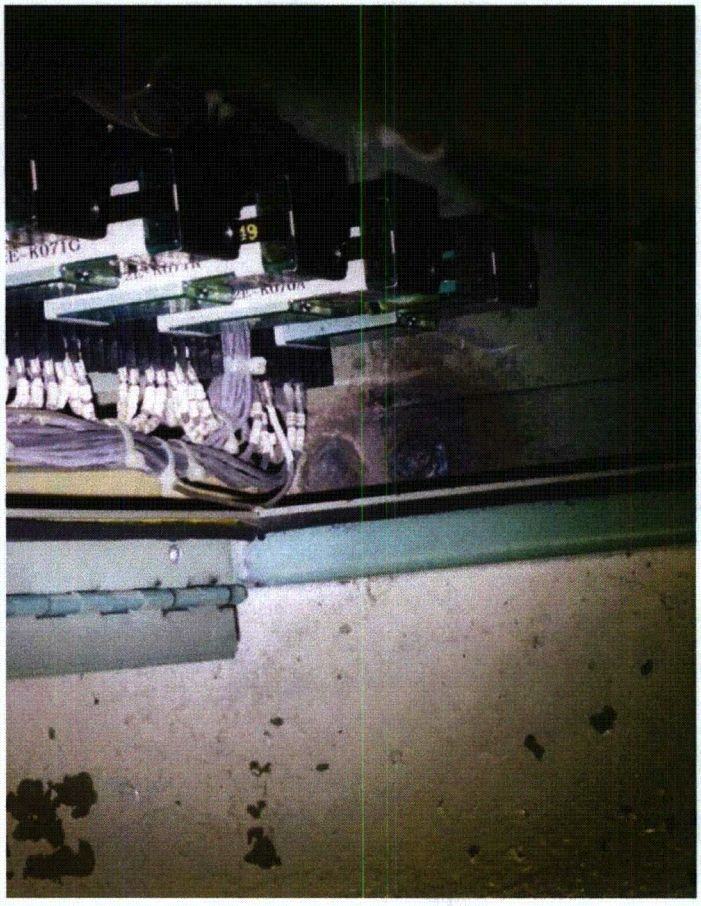
10-15-2012

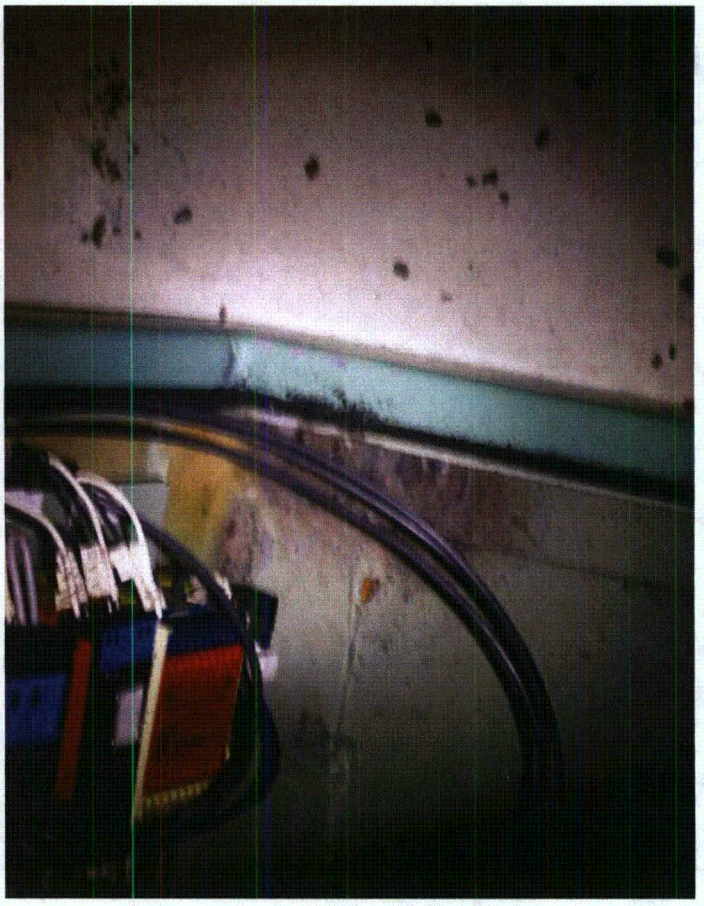
Equipment ID: 30C722A

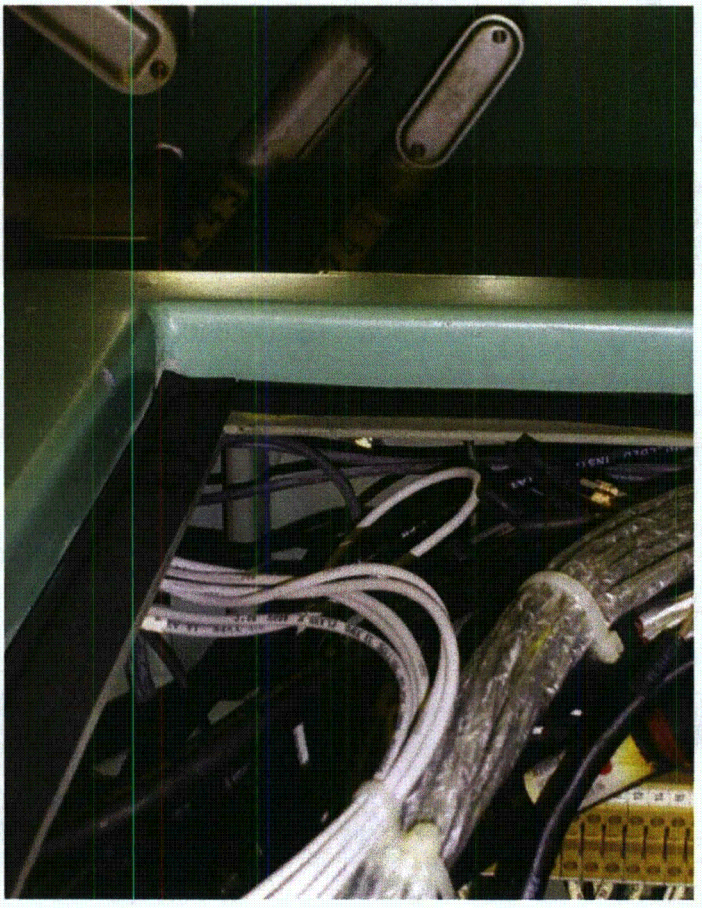


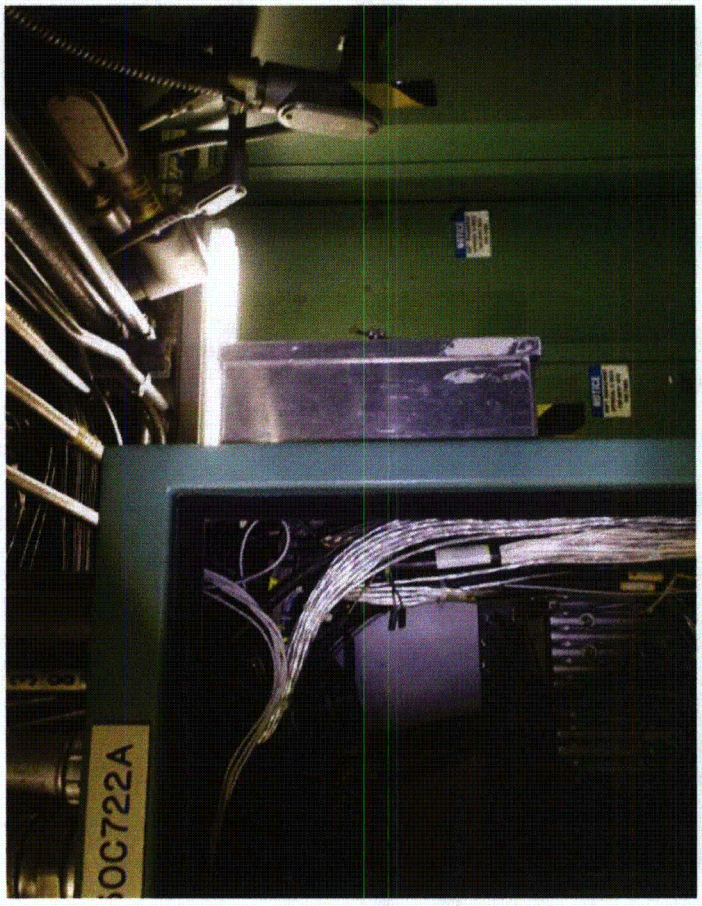


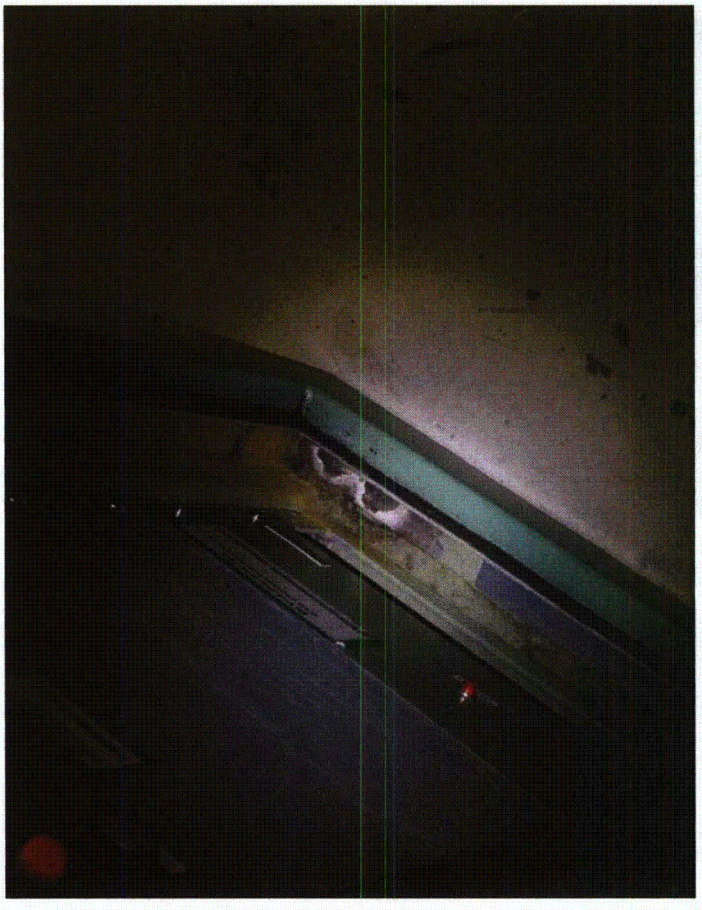


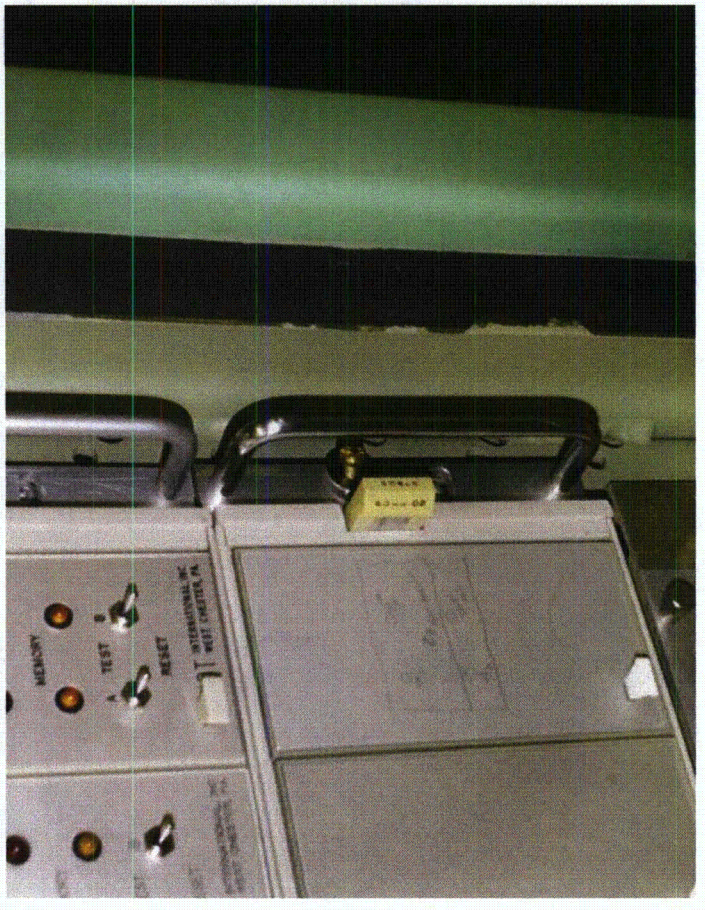







30C722A




RESET
TEST

Status: (Y) N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. 30C722B Equip. Class[12] (20) CONTROL PANELS & CABINETS

Equipment Description ACCIDENT MONITORING INSTRUMENTATION PANEL

Location: Bldg. TURB Floor El. 150 Room, Area CABLE SPREADING RM

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☒ N☐

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☒ N☐ U☐ N/A☐
CONSISTENT W/ DWG # 6280-S-1198, R. Ø, SHT 4 OF 4

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C722B Equip. Class[12] (60) CONTROL PANELS AND CABINETS

Equipment Description ACCIDENT MONITORING INSTRUMENTATION PANEL

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐
   CONDUIT ~1/4" FROM W. END OF CABINET.
   E. END IS WELDED TO ADJACENT CABINET.
   - JUDGED OK
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐
   NO II/I CONCERNS
9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐
   RIGID CONDUIT OK
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

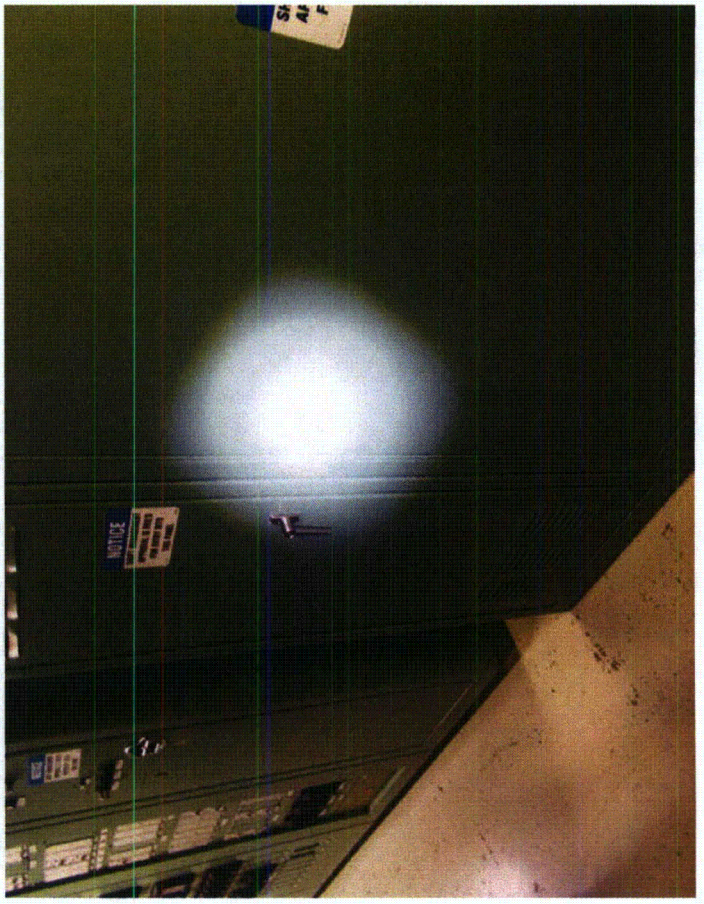
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y☒ N☒ U☐ 10-15-2012 BMF 10/15/12
    Both Power supply units are missing two mounting bolts to cabinet frame IR# 1424692. Remaining two mounting bolts appears to be adequate. BMF 10/15/12

Comments (Additional pages may be added as necessary)

Evaluated by: _____ Date: 10/15/12

_____ 10-15-2012


30C722B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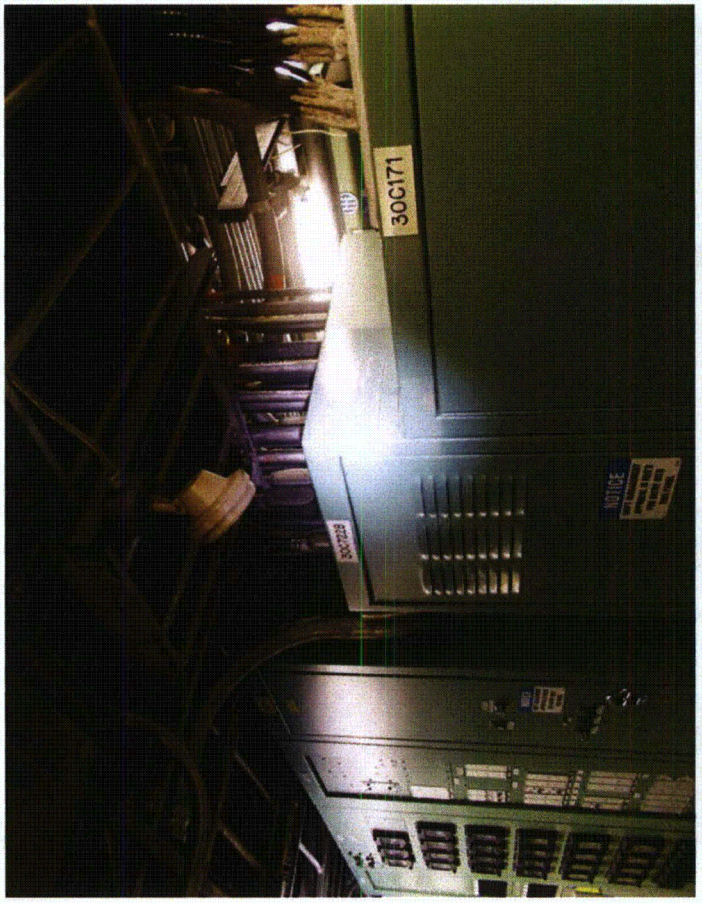
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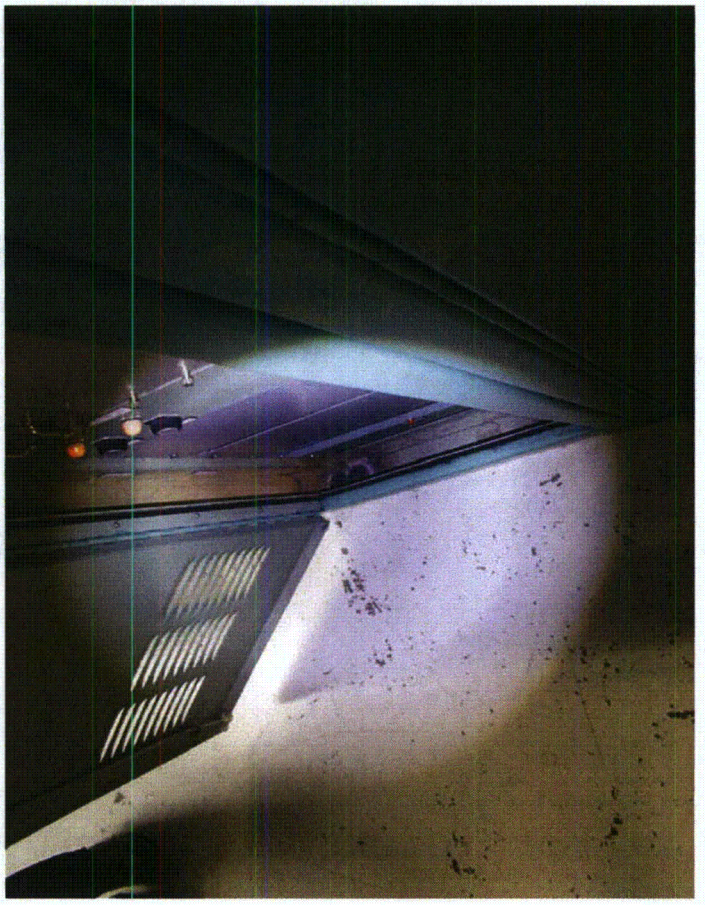

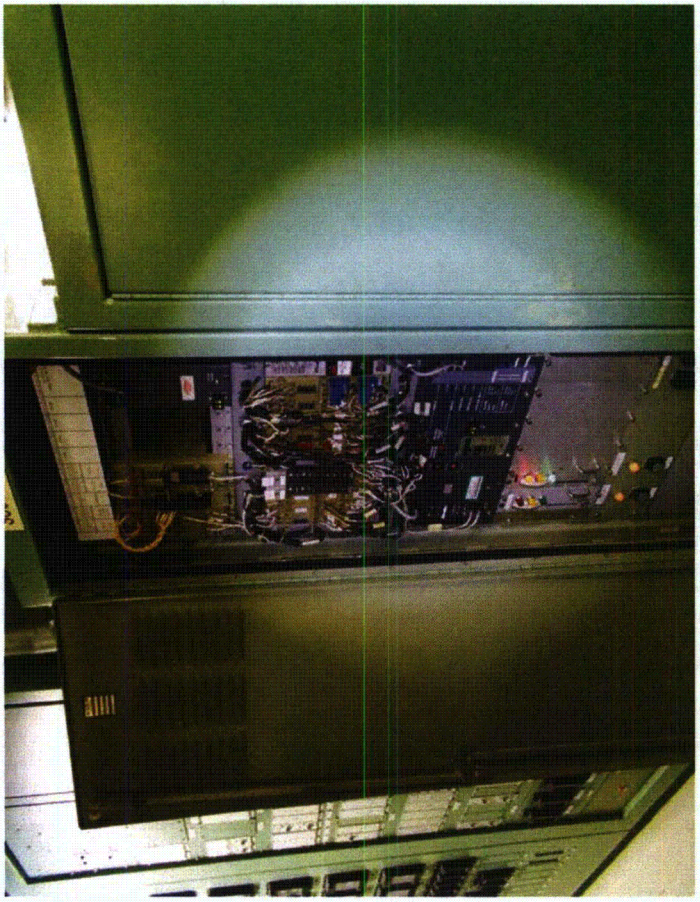

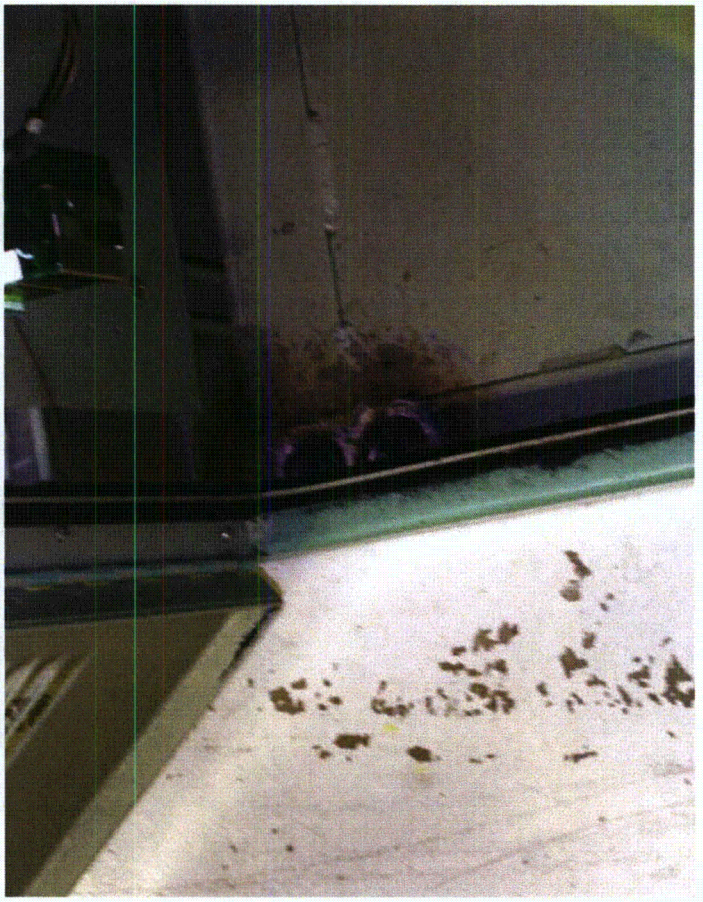

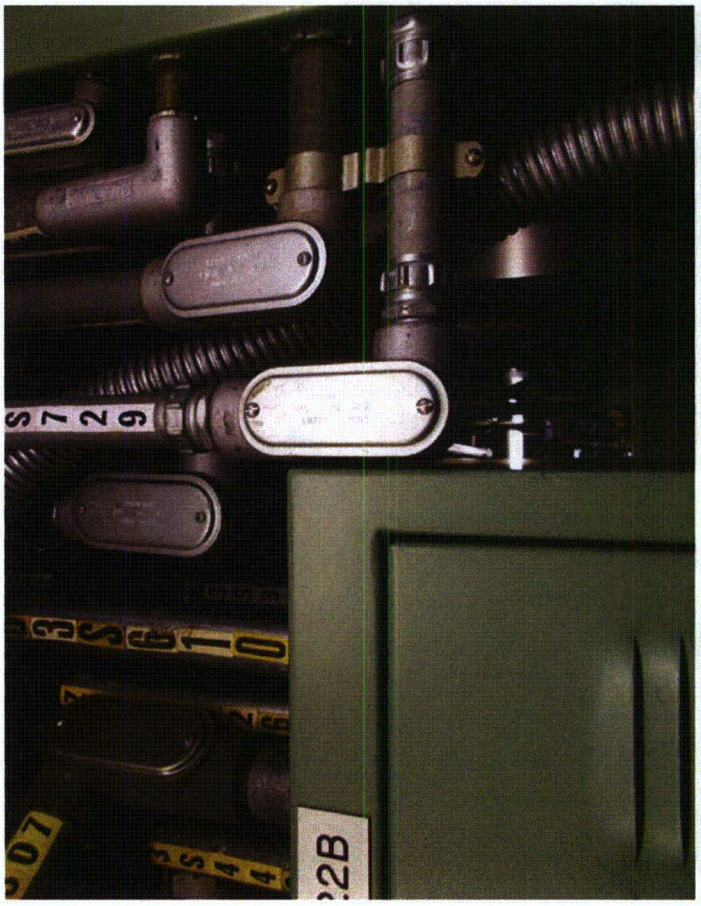

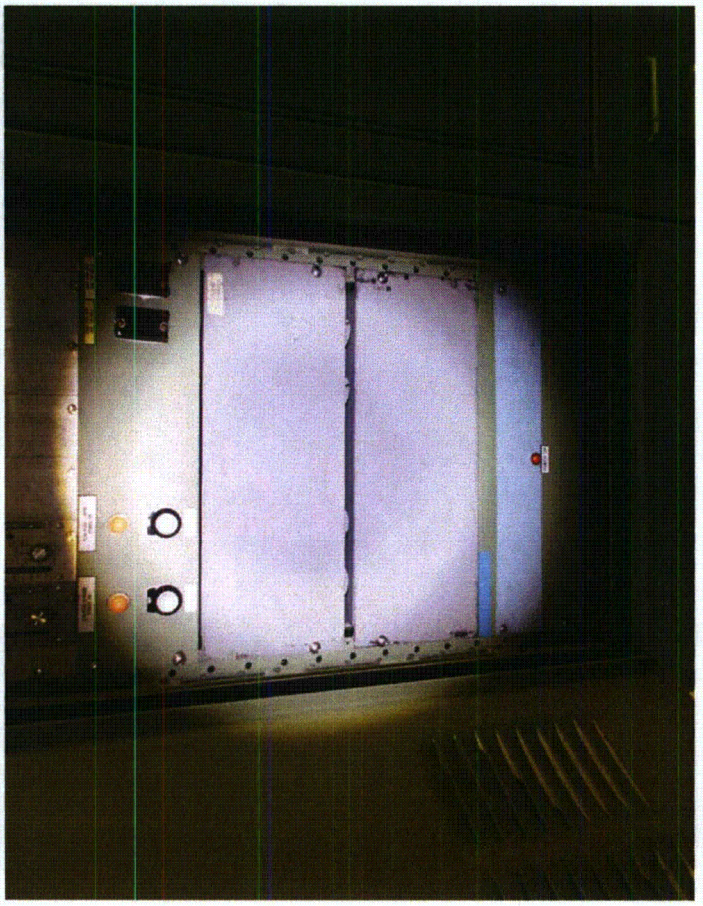

Seismic Walkdown Checklist (SWC)

gmr 9/17/2012

Equipment ID No. ~~303~~ 30C087 Equip. Class[12] (18) Instruments on Racks

Equipment Description HPCI Instrument Rack

Location: Bldg. Reactor Floor El. 88 Room, Area R3-15

Manufacturer, Model, Etc. (optional but recommended) _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. 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.

Anchorage

1. Is the anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Y☐ N☒

2. Is the anchorage free of bent, broken, missing or loose hardware? Y☒ N☐ U☐ N/A☐

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y☒ N☐ U☐ N/A☐

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y☒ N☐ U☐ N/A☐

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Y☐ N☐ U☐ N/A☒

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y☒ N☐ U☐

[12] Enter the equipment class name from **Appendix B:** Classes of Equipment.

Equipment ID No. 30C087 Equip. Class[12] (18) Instruments on Racks

Equipment Description HPCI Instrument Rack

Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? Y☒ N☐ U☐ N/A☐

8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Y☒ N☐ U☐ N/A☐

9. Do attached lines have adequate flexibility to avoid damage? Y☒ N☐ U☐ N/A☐

10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Y☒ N☐ U☐

Other Adverse Conditions

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

~~Threaded fire piping~~ JMR 9/17/2012

Comments (Additional pages may be added as necessary)

N/A

Evaluated by: James Wiggin Date: 9/17/2012

JC JL 9/17/2012


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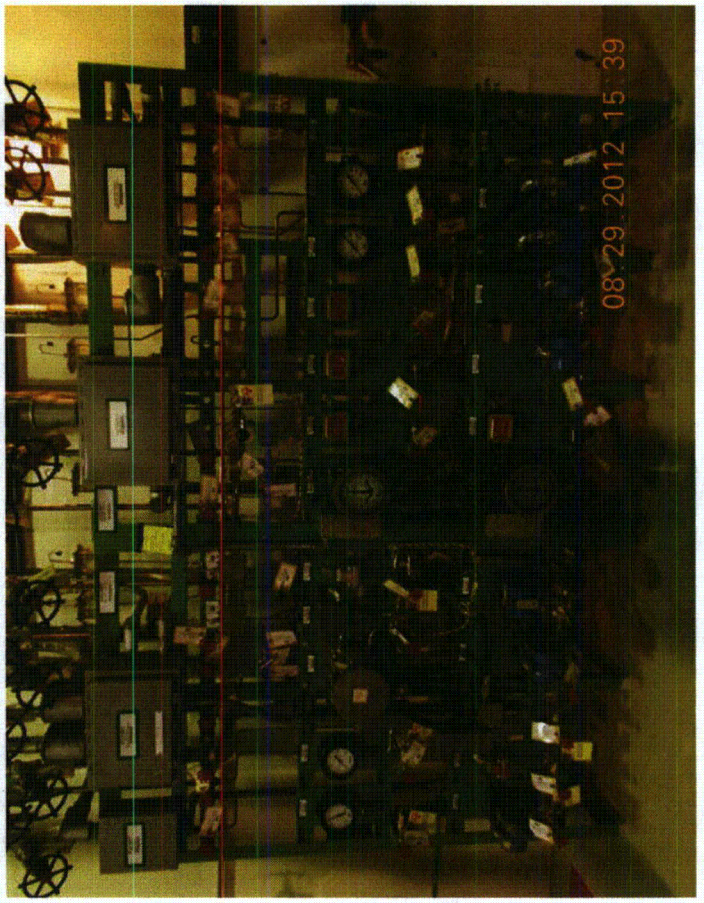
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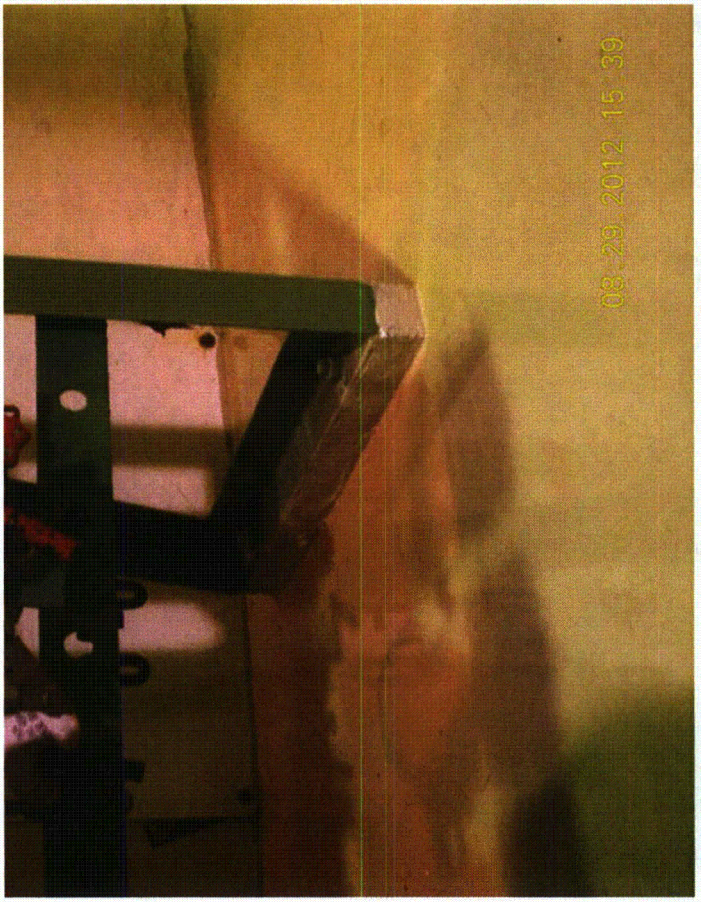
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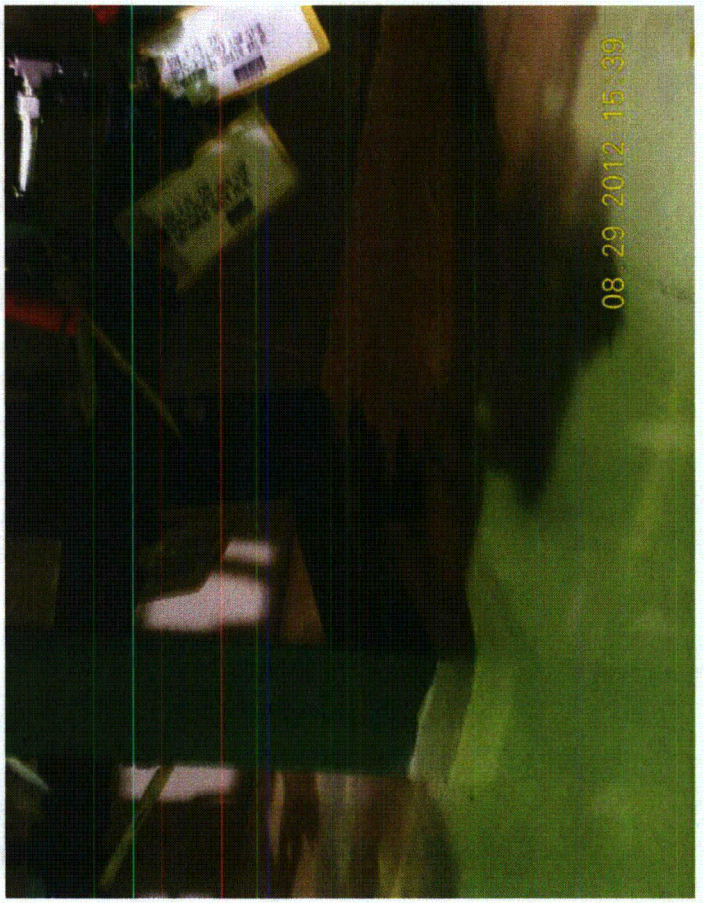
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