

ATTACHMENT 1

UNIT 2- SEISMIC WALKDOWN EQUIPMENT LISTS

NO. SNCF164-RPT-02

<u>Equipment List</u>	<u>Pages</u>
Unit 2 - Base List 1	2-16
Unit 2 – SWEL 1	17-21
Unit 2 – Base List 2	22-23
Unit 2 – SWEL 2	24-26

ATTACHMENT 1**SEISMIC WALKDOWN EQUIPMENT LISTS****UNIT 2 – BASE LIST 1****NO. SNCF164-RPT-02**

<u>Equipment List</u>	<u>Pages</u>
Unit 2 - Base List 1	2-16
Unit 2 – SWEL 1	17-21
Unit 2 – Base List 2	22-23
Unit 2 – SWEL 2	24-26

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 1

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
20	A2TB001		TERMINAL BOX	AB	100-00	2189
20	A2TB004		TERMINAL BOX	AB	100-00	2194
20	A2TB006		TERMINAL BOX	AB	121-00	2223
20	B2TB002		TERMINAL BOX	AB	121-00	2235
20	B2TB003		TERMINAL BOX	AB	100-00	2190
20	B2TB004		TERMINAL BOX	AB	100-00	2192
18	N2E21LI0112-3		VCT LEVEL INDICATION	AB	121-00	2218
20	N2H11NGMCB2500A-AB		MAIN CONTROL BOARD SECTION A	AB	155-00	0401
07	N2P18PCV2885A		PRESSURE CONTROL VALVE	AB	100-00	2189
07	N2P18PCV2885B		PRESSURE CONTROL VALVE	AB	100-00	2189
07	N2P18PCV2885C		PRESSURE CONTROL VALVE	AB	100-00	2189
07	N2P19PCV2228A		PCV TO PORV BACKUP AIR SUPPLY BOTTLE	AB	121-00	2218
07	N2P19PCV2228B		PCV TO PORV BACKUP AIR SUPPLY PRESSURE CONTROL	AB	121-00	2218
00	Q2B11H001		REACTOR VESSEL	CB	129-00	CTMT
00	Q2B21H001A		STEAM GENERATOR 2A	CB	104-00	CTMT
00	Q2B21H001B		STEAM GENERATOR 2B	CB	104-00	CTMT
00	Q2B21H001C		STEAM GENERATOR 2C	CB	104-00	CTMT
18	Q2B21PT0402-P1		RCS LOOP 3 WIDE RANGE PRESSURE	CB	110-00	CTMT
18	Q2B21PT0403-P4		RCS LOOP 1 WIDE RANGE PRESSURE	CB	110-00	CTMT
19	Q2B21TE0410-P2		RCS LOOP 1 COLD LEG RTD	CB	123-00	CTMT
19	Q2B21TE0413-P1		RCS LOOP 1 HOT LEG RTD	CB	123-00	CTMT
19	Q2B21TE0420-P2		RCS LOOP 2 COLD LEG RTD	CB	123-00	CTMT
19	Q2B21TE0423-P1		RCS LOOP 2 HOT LEG RTD	CB	123-00	CTMT
19	Q2B21TE0430-P4		RCS LOOP 3 COLD LEG RTD	CB	123-00	CTMT
19	Q2B21TE0433-P3		RCS LOOP 3 HOT LEG RTD	CB	123-00	CTMT
07	Q2B31HV8028-A		PRESSURE RELIEF TANK ISOLATION OUTSIDE CTMT VALVE	AB	121-00	2223
33	Q2B31K001		RCS PRESSURIZER	CB	155-00	CTMT
18	Q2B31LT0459-P1		PRESSURIZER LEVEL (CONTROL ROOM)	CB	129-00	CTMT
18	Q2B31LT0460-P2		PRESSURIZER LEVEL	CB	129-00	CTMT

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 2

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
18		Q2B31LT0461-P3	PRESSURIZER LEVEL	CB	129-00	CTMT
08A		Q2B31MOV8000A-A	PRESSURIZER POWER RELIEF ISOLATION VALVE	CB	175-00	CTMT
08A		Q2B31MOV8000B-B	PRESSURIZER POWER RELIEF ISOLATION VALVE	CB	175-00	CTMT
07		Q2B31PCV0444B-B	PRESSURIZER POWER RELIEF VALVE	CB	155-00	CTMT
07		Q2B31PCV0445A-A	PRESSURIZER POWER RELIEF VALVE	CB	173-00	CTMT
18		Q2B31PT0455-P1	PRESSURIZER PRESSURE	CB	129-00	CTMT
18		Q2B31PT0456-P2	PRESSURIZER PRESSURE	CB	129-00	CTMT
18		Q2B31PT0457-P3	PRESSURIZER PRESSURE	CB	129-00	CTMT
02		Q2C11E004A-AB	REACTOR TRIP SWITCHGEAR NO. 1	AB	121-00	2235
02		Q2C11E004B-AB	REACTOR TRIP SWITCHGEAR NO. 2	AB	121-00	2235
18		Q2C22LT0474-P1	STEAM GENERATOR 2A NARROW RANGE LEVEL	CB	155-00	CTMT
18		Q2C22LT0475-P2	STEAM GENERATOR 2A NARROW RANGE LEVEL	CB	155-00	CTMT
18		Q2C22LT0476-P3	STEAM GENERATOR 2A NARROW RANGE LEVEL	CB	155-00	CTMT
18		Q2C22LT0484-P1	STEAM GENERATOR 2B NARROW RANGE LEVEL	CB	155-00	CTMT
18		Q2C22LT0485-P2	STEAM GENERATOR 2B NARROW RANGE LEVEL	CB	155-00	CTMT
18		Q2C22LT0486-P3	STEAM GENERATOR 2B NARROW RANGE LEVEL	CB	155-00	CTMT
18		Q2C22LT0494-P1	STEAM GENERATOR 2C NARROW RANGE LEVEL	CB	155-00	CTMT
18		Q2C22LT0495-P2	STEAM GENERATOR 2C NARROW RANGE LEVEL	CB	155-00	CTMT
18		Q2C22LT0496-P3	STEAM GENERATOR 2C NARROW RANGE LEVEL	CB	155-00	CTMT
20		Q2C51L001B-1	NIS NEUTRON DETECTOR BOX 1B	CB	129-00	CTMT
00		Q2C55NE004B-A	ALTERNATE SHUTDOWN NEUTRON FLUX DETECTOR	CB	112-00	CTMT
18		Q2C55NM004B-A	ALTERN SHUTDOWN NEUTRON FLUX MON SIGNAL AMPLIFIER	AB	139-00	2332
08A		Q2E11FCV0602A-A	RHR PUMP MINI FLOW VALVE	AB	77-00	2128
08A		Q2E11FCV0602B-B	RHR PUMP MINI FLOW VALVE	AB	77-00	2122
18		Q2E11FIS602A-A	RHR PUMP FLOW INDICATING SWITCH	AB	83-00	2128
18		Q2E11FIS602B-B	RHR PUMP FLOW INDICATING SWITCH	AB	83-00	2128
18		Q2E11FT0605A-2	RHR HEAT EXCHANGER DISCHARGE FLOW TRANSMITTER	AB	83-00	2120
18		Q2E11FT0605B-4	RHR HEAT EXCHANGER DISCHARGE FLOW TRANSMITTER	AB	83-00	2120

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 3

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
21		Q2E11H001A-A	RHR HEAT EXCHANGER 2A	AB	83-00	2128
21		Q2E11H001B-B	RHR HEAT EXCHANGER 2B	AB	83-00	2128
18		Q2E11LQ3594A-A	CTMT SUMP LEVEL TRANSMITTER POWER SUPPLY	AB	139-00	2318
18		Q2E11LQ3594B-B	CTMT SUMP LEVEL TRANSMITTER	AB	139-00	2318
18		Q2E11LT3594A-A	CTMT SUMP LEVEL TRANSMITTER	CB	080-00	CTMT
18		Q2E11LT3594B-B	CTMT SUMP LEVEL TRANSMITTER	CB	080-00	CTMT
08A		Q2E11MOV8701A-A	RHR INLET ISOLATION VALVE	CB	105-00	CTMT
08A		Q2E11MOV8701B-B	RHR INLET ISOLATION VALVE	CB	105-00	CTMT
08A		Q2E11MOV8702A-A	RHR INLET ISOLATION VALVE	CB	105-00	CTMT
08A		Q2E11MOV8702B-B	RHR INLET ISOLATION VALVE	CB	105-00	IMB
08A		Q2E11MOV8706A-A	RHR LOOP NO. 1 DISCHARGE TO CVCS	AB	83-00	2128
08A		Q2E11MOV8706B-B	RHR LOOP NO. 2 DISCHARGE TO CVCS	AB	83-00	2128
08A		Q2E11MOV8809A-A	RWST TO RHR PUMP 2A SUCTION	AB	77-00	2131
08A		Q2E11MOV8809B-B	RWST TO RHR PUMP 2B SUCTION	AB	77-00	2129
08A		Q2E11MOV8811A-A	RHR PUMP SUCTION FROM CONTAINMENT TRAIN A	AB	77-00	2131
08A		Q2E11MOV8811B-B	RHR PUMP SUCTION FROM CONTAINMENT TRAIN B	AB	77-00	2129
08A		Q2E11MOV8812A-A	CONTAINMENT SUMP TO RHR PUMP 2A ISOLATION	AB	77-00	2131
08A		Q2E11MOV8812B-B	CONTAINMENT SUMP TO RHR PUMP 2B ISOLATION	AB	77-00	2129
08A		Q2E11MOV8888A-A	LHSI TO RCS COLD LEG	AB	121-00	2223
08A		Q2E11MOV8888B-B	LHSI TO RCS COLD LEG	AB	121-00	2223
06		Q2E11P001A-A	RHR PUMP 2A	AB	83-00	2131
06		Q2E11P001B-B	RHR PUMP 2B	AB	83-00	2129
18		Q2E13PT0950-P1	CONTAINMENT PRESSURE PROTECTION TRANSHITTER	AB	121-00	2223
18		Q2E13PT0951-P2	CONTAINMENT PRESSURE PROTECTION TRANSHITTER	AB	121-00	2223
18		Q2E13PT0952-P3	CONTAINMENT PRESSURE PROTECTION TRANSHITTER	AB	121-00	2223
18		Q2E13PT0953-P4	CONTAINMENT PRESSURE PROTECTION TRANSHITTER	AB	121-00	2223
10		Q2E16H001A-A	CHG/HHSI PUMP ROOM COOLER 2A (TRAIN A)	AB	100-00	2181
10		Q2E16H001C-B	CHG/HHSI PUMP ROOM COOLER 2C (TRAIN B)	AB	100-00	2173

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 4

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10		Q2E16H003A-A	RHR PUMP ROOM COOLER 2A	AB	83-00	2131
10		Q2E16H003B-B	RHR PUMP ROOM COOLER 2B	AB	83-00	2129
10		Q2E16H004A-A	CCW PUMP ROOM COOLER TRAIN A	AB	100-00	2185
10		Q2E16H004B-B	CCW PUMP ROOM COOLER TRAIN B	AB	100-00	2185
10		Q2E16H005A-A	AUX FEEDWATER PUMP ROOM COOLER 2A	AB	100-00	2199
10		Q2E16H005B-B	AUX FEEDWATER PUMP ROOM COOLER 2B	AB	100-00	2192
10		Q2E16H006A-A	BATTERY CHARGING ROOM COOLERS	AB	121-00	2245
10		Q2E16H006B-B	BATTERY CHARGING ROOM COOLERS	AB	121-00	2244
10		Q2E16H007-A	MCC 2A ROOM COOLER	AB	139-00	2332
10		Q2E16H008-B	MCC-2B ROOM ACU	AB	121-00	2209
10		Q2E16H009-A	600V LOAD CENTER 2D ROOM COOLER	AB	139-00	2339
10		Q2E16H010-B	600V LOAD CENTER 2E ROOM COOLER	AB	121-00	2228
18		Q2E21FT0940	HIGH HEAD SAFETY INJECTION FLOW TRANSMITTER	AB	77-00	2111
18		Q2E21FT0943	HIGH HEAD SAFETY INJECTION FLOW TRANSMITTER	AB	100-00	2175
21		Q2E21H003	SEAL WATER HEAT EXCHANGER	AB	100-00	2170
21		Q2E21H004	LETDOWN HEAT EXCHANGER	AB	100-00	2170
07		Q2E21HV8149A-A	LETDOWN ORIFICE ISOLATION	CB	111-00	CTMT
07		Q2E21HV8149B-A	LETDOWN ORIFICE ISOLATION	CB	105-00	CTMT
07		Q2E21HV8149C-A	LETDOWN ORIFICE ISOLATION	CB	105-00	CTMT
07		Q2E21HV8152	CVCS ISOLATION OUTSIDE CONTAINMENT VALVE	AB	100-00	2134
07		Q2E21HV8942-A	BORON INJECTION RECIRCULATION PUMP VALVE	AB	100-00	2186
07		Q2E21HV8945A-A	BORON INJECTION SURGE TANK VALVE	AB	100-00	2222
08A		Q2E21LCV0115B-A	RHST TO CHARGING PUMP SUCTION VALVE	AB	100-00	2172
08A		Q2E21LCV0115C-A	VOLUME CONTROL TANK OUTLET ISOLATION VALVE	AB	121-00	2216
08A		Q2E21LCV0115D-B	RHST TO CHARGING PUMP SUCTION VALVE	AB	100-00	2172
08A		Q2E21LCV0115E-B	VOLUME CONTROL TANK OUTLET ISOLATION VALVE	AB	121-00	2216
07		Q2E21LCV0459-A	LETDOWN LINE ISOLATION VALVE	CB	105-00	CTMT
07		Q2E21LCV0460-A	LETDOWN LINE ISOLATION VALVE	CB	105-00	CTMT
18		Q2E21LT112	VOLUME CONTROL TANK LEVEL TRANSMITTER	AB	121-00	2218

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
18	Q2E21LT115		VOLUME CONTROL TANK LEVEL TRANSMITTER	AB	121-00	2218
08A	Q2E21MOV8100-B		RCP SEAL WATER RETURN ISOLATION	AB	121-00	2223
08A	Q2E21MOV8106-A		CHARGING PUMP MINIFLOW ISOLATION	AB	100-00	2170
08A	Q2E21MOV8107-A		CHARGING PUMP TO RCS ISOLATION	AB	121-00	2223
08A	Q2E21MOV8108-B		CHARGING PUMP TO RCS ISOLATION	AB	121-00	2223
08A	Q2E21MOV8109A-B		CHARGING PUMP P002A MINIFLOW VALVE	AB	100-00	2181
08A	Q2E21MOV8109C-B		CHARGING PUMP P002C MINIFLOW VALVE	AB	100-00	2173
08A	Q2E21MOV8112-A		RCP SEAL WATER RETURN ISOLATION	CB	105-00	CTMT
08A	Q2E21MOV8130A-A		CHG. PUMP SUCTION HDR. ISO. (MOVATS)	AB	100-00	2183
08A	Q2E21MOV8130B-B		CHG. PUMP SUCTION HDR. ISO (MOVATS)	AB	102-00	2175
08A	Q2E21MOV8131A-A		CHARGING PUMP SUCTION HEADER ISOLATION VALVE	AB	100-00	2175
08A	Q2E21MOV8131B-B		CHG. PUMP SUCTION HDR. ISO. (MOVATS)	AB	100-00	2175
08A	Q2E21MOV8132A-A		CHG. PUMP DISCH. HDR. ISO. (MOVATS)	AB	100-00	2173
08A	Q2E21MOV8132B-B		CHG. PUMP DISCH. HDR. ISO. (MOVATS)	AB	100-00	2175
08A	Q2E21MOV8133A-A		CHARGING PUMP DISCHARGE HEADER ISOLATION VALVE	AB	100-00	2175
08A	Q2E21MOV8133B-B		CHG. PUMP DISCH. HDR. ISO. (MOVATS)	AB	100-00	2173
08A	Q2E21MOV8801A-A		BORON INJECTION TANK OUTLET ISOLATION	AB	121-00	2223
08A	Q2E21MOV8803A-A		BORON INJECTION TANK INLET ISOLATION	AB	100-00	2172
08A	Q2E21MOV8808A-A		ACCUMULATOR 2A DISCHARGE VALVE	CB	105-00	CTMT
08A	Q2E21MOV8808B-B		ACCUMULATOR B DISCHARGE VALVE	CB	105-00	CTMT
08A	Q2E21MOV8808C-A		ACCUMULATOR C DISCHARGE VALVE	CB	105-00	CTMT
08A	Q2E21MOV8885-B		HHSI TO RCS COLD LEG ISOLATION	AB	100-00	2184
05	Q2E21P002A-A		CHARGING/HHSI PUMP P002 A TRAIN A	AB	100-00	2181
05	Q2E21P002C-B		CHARGING/HHSI PUMP P002C TRAIN B	AB	100-00	2173
21	Q2E21T006		BORON INJECTION TANK	AB	100-00	2172
18	Q2F16FT0501-A		RWST LEVEL TRANSMITTER	YD	155-00	YARD
18	Q2F16LT0502-B		RWST LEVEL TRANSMITTER	YD	155-00	YARD
21	Q2F16T501		REFUELING WATER STORAGE TANK	YD	155-00	YARD

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 6

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
07		Q2G21HV3377-A	RADIOACTIVE DRAIN ISOLATION OUTSIDE CTMT VALVE	AB	100-00	2184
07		Q2G21HV7136-B	WASTE PROCESSING ISOLATION OUTSIDE CTMT VALVE	AB	100-00	2134
07		Q2G24V003A	SG 2A BLOWDOWN ISOLATION	AB	121-00	2223
07		Q2G24V003B	SG 2B BLOWDOWN ISOLATION	AB	121-00	2223
07		Q2G24V003C	SG 2C BLOWDOWN ISOLATION	AB	121-00	2223
21		Q2G31H001A-B	SPENT FUEL POOL HEAT EXCHANGER TRAIN B	AB	155-00	2445
21		Q2G31H001B-A	SPENT FUEL POOL HEAT EXCHANGER TRAIN A	AB	165-00	2467
20		Q2H11NGASC2506C-B	AUX SAFEGUARDS CABINET 'C'	AB	155-00	0471
20		Q2H11NGASC2506D-A	AUX SAFEGUARDS CABINET 'D'	AB	155-00	0471
20		Q2H11NGB2504J-A	BALANCE OF PLANT PANEL 'J'(PROCESS ELECTRONICS)	AB	155-00	0471
20		Q2H11NGB2504K-B	BOP INSTRUMENTATION CABINET K	AB	155-00	0471
20		Q2H11NGCCM2523A-A	ICCMS PROCESSOR CABINET TRAIN A	AB	155-00	0471
20		Q2H11NGCCM2523B-B	ICCMS PROCESSOR CABINET TRAIN B	AB	155-00	0471
20		Q2H11NGNIS2503A-1	NIS EXCORE DETECTOR CABINET	AB	155-00	0416
20		Q2H11NGPIC2505A-1	PROCESS PROTECTION CABINET CHANNEL 1	AB	155-00	0471
20		Q2H11NGPIC2505B-2	PROCESS PROTECTION CABINET CHANNEL 2	AB	155-00	0471
20		Q2H11NGPIC2505C-3	PROCESS PROTECTION CABINET CHANNEL 3	AB	155-00	0471
20		Q2H11NGPIC2505D-4	PROCESS PROTECTION CABINET CHANNEL 4	AB	155-00	0471
20		Q2H11NGPIC2505E-1	PROCESS CONTROL CABINET CHANNEL 1	AB	155-00	0471
20		Q2H11NGPIC2505F-2	PROCESS CONTROL CABINET CHANNEL 2	AB	155-00	0471
20		Q2H11NGPIC2505G-3	PROCESS CONTROL CABINET CHANNEL 3	AB	155-00	0471
20		Q2H11NGPIC2505H-4	PROCESS CONTROL CABINET CHANNEL 4	AB	155-00	0471
20		Q2H11NGR2504I-AB	RADIATION MONITOR PANEL	AB	155-00	0471
20		Q2H11NGSSP2506G-B	SOLID STATE PROTECTION INPUT CABINET	AB	155-00	0471
20		Q2H11NGSSP2506J-B	SOLID STATE PROTECTION TEST CABINET	AB	155-00	0471
20		Q2H11NGSSP2506K-A	SOLID STATE PROTECTION INPUT CABINET	AB	155-00	0471
20		Q2H11NGSSP2506N-A	SOLID STATE PROTECTION TEST CABINET	AB	155-00	0471
20		Q2H21E004-A	4.16KV SWITCHGEAR 2F LOCAL CONT PANEL	AB	139-00	2343

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 7

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
20	Q2H21E005-B		4.16KV SWITCHGEAR 2G LOCAL CONT PANEL	AB	121-00	2233
20	Q2H21E504-A		4.16KV SWITCHGEAR 2H LOCAL CONTROL PANEL	DB	155-00	0056A
20	Q2H21E505-B		4.16KV SWITCHGEAR 2J LOCAL CONTROL PANEL	DB	155-00	0056C
20	Q2H21E506-A		4.16KV SWITCHGEAR 2K LOCAL CONT PANEL	SW	188-06	0072E
20	Q2H21E507-B		4.16KV SWITCHGEAR 2L LOCAL CONT PANEL	SW	188-06	0072B
20	Q2H21E527-B		DIESEL GENERATOR 2B LOCAL CONTROL PANEL	DB	155-00	0059
20	Q2H21NBAFP2605A-A		LOCAL HOT SHUTDOWN PANEL A	AB	121-00	2202
20	Q2H21NBMER2619-B		STEAM GENERATOR 1C WIDE RANGE LEVEL MCB ISOLATOR	AB	121-00	2227
20	Q2H22L001B-A		MULTIPLYING RELAY CABINET 2B	AB	139-00	2318
20	Q2H22L001D-B		MULTIPLYING RELAY CABINET 2D	AB	139-00	2318
20	Q2H22L002-A		TRANSFER RELAY CABINET 1	AB	139-00	2347
20	Q2H22L003-A		TRANSFER RELAY CABINET-2	AB	100-00	2190
20	Q2H22L004-B		TRANSFER RELAY CABINET-3	AB	139-00	2334
20	Q2H22L503-B		DIESEL LOCAL RELAY PANEL 2B	DB	155-00	0058
20	Q2H25L008-A		TERMINATION CABINET	AB	139-00	2318
20	Q2H25L029-B		TERMINATION CABINET	AB	139-00	2318
07	Q2N11HV3369A		MAIN STEAM ISOLATION VALVE	AB	127-00	2241
07	Q2N11HV3369B		MAIN STEAM ISOLATION VALVE	AB	127-00	2241
07	Q2N11HV3369C		MAIN STEAM ISOLATION VALVE	AB	127-00	2241
07	Q2N11HV3370A-B		MAIN STEAM LINE ISOLATION VALVE	AB	127-00	2241
07	Q2N11HV3370B-B		MAIN STEAM LINE ISOLATION VALVE	AB	127-00	2241
07	Q2N11HV3370C-B		MAIN STEAM LINE ISOLATION VALVE	AB	127-00	2241
18	Q2N11LT0477-A		STEAM GENERATOR 2A WIDE RANGE LEVEL	CB	155-00	CTMT
18	Q2N11LT0487-A		STEAM GENERATOR 2B WIDE RANGE LEVEL	CB	155-00	CTMT
18	Q2N11LT0497-B		STEAM GENERATOR 2C WIDE RANGE LEVEL	CB	155-00	CTMT
18	Q2N11PT0474-P2		STEAM GENERATOR 2A PRESSURE	AB	130-00	2241
18	Q2N11PT0475-P3		STEAM GENERATOR 2A DISCHARGE PRESSURE	AB	130-00	2241
18	Q2N11PT0476-P4		STEAM GENERATOR 2A DISCHARGE PRESSURE	AB	130-00	2241
18	Q2N11PT0484-P2		STEAM GENERATOR 2B DISCHARGE PRESSURE	AB	130-00	2241

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 8

LINE NO. (1)	CLASS (2)	MARK NO. (3)	SYSTEM/EQUIPMENT DESCRIPTION (4)	BUILDING (5)	ELEV (6)	ROOM (7)
18		Q2N11PT0485-P3	STEAM GENERATOR 2B PRESSURE	AB	130-00	2241
18		Q2N11PT0486-P4	STEAM GENERATOR 2B DISCHARGE PRESSURE	AB	130-00	2241
18		Q2N11PT0494-P2	STEAM GENERATOR 2C DISCHARGE PRESSURE	AB	130-00	2241
18		Q2N11PT0495-P3	STEAM GENERATOR 2C DISCHARGE PRESSURE	AB	130-00	2241
18		Q2N11PT0496-P4	STEAM GENERATOR 2C PRESSURE	AB	130-00	2241
18		Q2N11PT3371A-A	STEAM GENERATOR 2A PRESSURE	AB	155-00	2464
18		Q2N11PT3371B-A	STEAM GENERATOR 2B PRESSURE	AB	155-00	2462
18		Q2N11PT3371C-A	STEAM GENERATOR 2C PRESSURE	AB	155-00	2462
07		Q2N11PV3371A-A	MAIN STEAM ATMOSPHERIC RELIEF VALVE	AB	127-00	2241
07		Q2N11PV3371B-A	MAIN STEAM ATMOSPHERIC RELIEF VALVE	AB	127-00	2241
07		Q2N11PV3371C-A	MAIN STEAM ATMOSPHERIC RELIEF VALVE	AB	127-00	2241
08B		Q2N11SV3369AC-A	SOLENOID FOR MAIN STEAM ISOLATION VALVE	AB	127-00	2241
08B		Q2N11SV3369BC-A	SOLENOID FOR MAIN STEAM ISOLATION VALVE	AB	127-00	2241
00B		Q2N11SV3369CC-A	SOLENOID FOR MAIN STEAM ISOLATION VALVE	AB	127-00	2241
18		Q2N23FI3229AB-A	FEEDWATER INTAKE FLOW INDICATION	AB	100-00	2190
18		Q2N23FI3229CB-B	FEEDWATER INTAKE FLOW INDICATION	AB	100-00	2190
18		Q2N23FT3229A-A	AUX FEEDWATER FLOW TRANSMITTER	AB	100-00	2189
18		Q2N23FT3229B-B	AUX FEEDWATER FLOW TRANSMITTER	AB	100-00	2194
18		Q2N23FT3229C-B	AUX FEEDWATER FLOW TRANSMITTER	AB	100-00	2189
07		Q2N23HV3227A	MOTOR DRIVEN AUX FEEDWATER TO STEAM GENERATOR 2A	AB	130-00	2241
07		Q2N23HV3227B	MOTOR DRIVEN AUX FEEDWATER TO STEAM GENERATOR 2B	AB	130-00	2241
07		Q2N23HV3227C	MOTOR DRIVEN AUX FEEDWATER TO STEAM GENERATOR 2C	AB	130-00	2241
08A		Q2N23MOV3209A-A	SERVICE WATER ISOLATION VALVE TO AUX FEEDWATER	AB	100-00	2191
08A		Q2N23MOV3209B-B	SERVICE WATER ISOLATION VALVE TO AUX FEEDWATER	AB	100-00	2192
08A		Q2N23MOV3210A-A	SERVICE WATER TO AUX FEEDWATER PUMP 2A INTAKE	AB	100-00	2191
08A		Q2N23MOV3210B-B	SERVICE WATER TO AUX FEEDWATER PUMP 2B INTAKE	AB	100-00	2192

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 9

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
05		Q2N23P001A-A	AUX FEEDWATER PUMP 2A	AB	100-00	2191
05		Q2N23P001B-B	AUX FEEDWATER PUMP 2B	AB	100-00	2192
18		Q2P11LT0515-A	CONDENSATE STORAGE TANK LEVEL TRANSMITTER	YD	155-00	CST
18		Q2P11LT0516-B	CONDENSATE STORAGE TANK LEVEL TRANSMITTER	YD	155-00	CST
21		Q2P11T001	CONDENSATE STORAGE TANK	YD	155-00	YARD
07		Q2P13HV2866C-A	CONTAINMENT PURGE ISOLATION OUTSIDE CTMT VALVE	AB	121-00	2223
07		Q2P13HV2866D-B	CONTAINMENT PURGE ISOLATION INSIDE CTMT VALVE	CB	129-00	CTMT
07		Q2P13HV2867C-A	CONTAINMENT PURGE ISOLATION OUTSIDE CTMT VALVE	AB	121-00	2223
07		Q2P13HV2867D-B	CONTAINMENT PURGE ISOLATION INSIDE CTMT VALVE	CB	129-00	CTMT
07		Q2P15HV3103-A	PRESSURIZER LIQUID SAMPLE LINE ISOLATION VALVE	CB	129-00	CTMT
07		Q2P15HV3105-B	RHR HX A SAMPLE VALVE	AB	83-00	2128
07		Q2P15HV3106-B	B RHR HX SAMPLE VALVE	AB	83-00	2189
07		Q2P15HV3332-B	PRESSURIZER SAMPLE	AB	121-00	2223
07		Q2P15HV3333-B	RCS HOT LEG SAMPLE LINE ISOLATION VALVE	AB	121-00	2223
07		Q2P15HV3765-A	RCS SAMPLE	CB	129-00	CTMT
0		Q2P16F501A-A	SW STRAINER 2A	SW	167-00	0072A
0		Q2P16F501B-B	SW STRAINER 2B	SW	167-00	0072A
07		Q2P16FV3009A-A	CCW HEAT EXCHANGER SERVICE WATER DISCHARGE	AB	100-00	2185
07		Q2P16FV3009C-B	CCW HEAT EXCHANGER SERVICE WATER DISCHARGE	AB	100-00	2185
20		Q2P16L001-A	SERVICE WATER DISCHARGE VALVE RELAY CABINET 2A	AB	155-00	2409
20		Q2P16L002-B	SERVICE WATER DISCHARGE VALVE RELAY CABINET 2B	AB	155-00	2405
08A		Q2P16MOV3149-A	BLOWDOWN HEAT EXCHANGER ISOLATION MOV	AB	121-00	2223
06		Q2P16P001A-A	SERVICE WATER PUMP 2A	SW	188-06	0072A
06		Q2P16P001B-A	SERVICE WATER PUMP 2B	SW	188-06	0072A
06		Q2P16P001D-B	SERVICE WATER PUMP 2D	SW	188-06	0072A
06		Q2P16P001E-B	SERVICE WATER PUMP 2E	SW	188-06	0072A

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 10

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
18	Q2P16PDS620-A		DIFFERENTIAL PRESSURE SWITCH	YD	155-00	W0DGB
18	Q2P16PDS621-B		DIFFERENTIAL PRESSURE SWITCH	YD	155-00	W0DGB
08A	Q2P16V514-B		SERVICE WATER TO TURBINE BLDG ISOLATION VALVE	YD	155-00	2SVB1
08A	Q2P16V515-A		SERVICE WATER TO TURBINE BLDG TRAIN A ISOLATION	YD	155-00	2SVB1
08A	Q2P16V516-B		SERVICE WATER TO TURBINE BLDG TRAIN A ISOLATION	YD	155-00	2SVB1
08A	Q2P16V517-A		SERVICE WATER TO TURBINE BLDG TRAIN B ISOLATION	YD	155-00	2SVB1
08A	Q2P16V538-B		SERVICE WATER EMERGENCY RECIRCULATION TO POND	YD	155-00	2SVB2
08A	Q2P16V539-A		SERVICE WATER EMERGENCY RECIRCULATION TO POND	YD	155-00	2SVB2
08A	Q2P16V545-B		SERVICE WATER DISCHARGE FROM AUXILIARY BUILDING	YD	155-00	2SVB3
08A	Q2P16V546-A		SERVICE WATER DISCHARGE FROM AUXILIARY BUILDING	YD	155-00	2SVB3
07	Q2P16V562-B		B TRN DIL BYP PCV	YD	155-00	2VB2B
07	Q2P16V563-A		A TRN DIL BYP PCV	YD	155-00	2VB2A
07	Q2P16V577-A		A TRN MIN FLOW	SW	188-00	SW
07	Q2P16V578-AB		2C PUMP MIN FLOW	SW	188-00	SW
07	Q2P16V579-B		B TRN MIN FLOW	SW	188-00	SW
21	Q2P17H001A-B		CCW HEAT EXCHANGER TRAIN B	AB	100-00	21B5
21	Q2P17H001B-AB		SWING CCW HEAT EXCHANGER	AB	100-00	21B5
21	Q2P17H001C-A		CCW HEAT EXCHANGER TRAIN A	AB	100-00	21B5
07	Q2P17HV2229		COMPONENT COOLING WATER SUPPLY TO SAMPLE COOLERS	AB	100-00	2162
07	Q2P17HV3045-A		CCW RETURN FROM RCP THERMAL BARRIER ISOLATION	AB	121-00	2223
07	Q2P17HV3067-B		CCW RETURN FROM EXCESS LETDOWN	AB	121-00	2223
07	Q2P17HV3095-B		CCW SUPPLY TO EXCESS LETDOWN HEAT EXCHANGER	AB	121-00	2223
07	Q2P17HV3096A		CCW NON-SAFETY ISOLATION	AB	100-00	2161
07	Q2P17HV3096B		CCW NON-SAFETY ISOLATION	AB	100-00	2161

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 11

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
07		Q2P17HV3184-B	CCW RETURN FROM RCP THERMAL BARRIER ISOLATION	CB	130-00	CTMT
07		Q2P17HV3443-A	CCW RETURN FROM EXCESS LETDOWN HEAT EXCHANGER	CB	129-00	CTMT
08A		Q2P17MOV3046-B	CCW RETURN FROM RCPS	CB	129-00	OMB
08A		Q2P17MOV3052-A	CCW TO RCP THERMAL BARRIER ISOLATION	AB	121-00	2223
08A		Q2P17MOV3182-A	CCW RETURN FROM RCPS	AB	121-00	2223
08A		Q2P17MOV3185A-A	CCW INLET TO RHR HEAT EXCHANGER NO. 1	AB	83-00	2128
08A		Q2P17MOV3185B-B	CCW INLET TO RHR HEAT EXCHANGER NO. 2	AB	83-00	2128
05		Q2P17P001A-B	CCW PUMP 2A TRAIN B	AB	100-00	2185
05		Q2P17P001C-A	CCW PUMP 2C TRAIN A	AB	100-00	2185
21		Q2P17T001	SURGE TANK (CCW)	AB	179-00	2506
12		Q2P18C002A-A	EMERGENCY AIR COMPRESSOR TRAIN A	AB	100-00	2189
12		Q2P18C002B-B	TRAIN B EMERGENCY AIR COMPRESSOR	AB	100-00	2189
07		Q2P19HV2228-B	PRESSURIZER PORV BACK-UP AIR SUPPLY VALVE	AB	121-00	2223
07		Q2P19HV3611-A	CTMT INST AIR ISO	AB	100-00	2184
21		Q2P19NCYL-A	NITROGEN CYLINDER	AB	121-00	2218
21		Q2P19NCYL-B	NITROGEN CYLINDER	AB	121-00	2218
04		Q2R11B004-A	LC TRANSFORMER 2D	AB	139-00	2335
04		Q2R11B005-B	LC TRANSFORMER 2E	AB	121-00	2229
04		Q2R11B503-A	LC TRANSFORMER 2R	DB	155-00	0056A
04		Q2R11B504-A	LC TRANSFORMER 2K	SW	188-06	0072E
04		Q2R11B505-B	LC TRANSFORMER 2L	SW	188-06	0072B
04		Q2R11B507-B	LC TRANSFORMER 2S	DB	155-00	0056C
03		Q2R15A006-A	4.16KV SWITCHGEAR 2F	AB	139-00	2343
03		Q2R15A007-B	4.16KV SWITCHGEAR 2G	AB	121-00	2233
03		Q2R15A503-A	4.16KV SWITCHGEAR 2H	DB	155-00	0056A
03		Q2R15A504-B	4.16KV SWITCHGEAR 2J	DB	155-00	0056C
03		Q2R15A505-A	4.16KV SWITCHGEAR 2K	SW	188-06	0072E
03		Q2R15A506-B	4.16KV SWITCHGEAR 2L	SW	188-06	0072B
02		Q2R16B006-A	600V LOAD CENTER 2D	AB	139-00	2335

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: UZMASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 12

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Q2R16B007-B		600V LOAD CENTER 2E	AB	121-00	2229
01	Q2R17B001-A		MCC 2A	AB	139-00	2332
01	Q2R17B002-B		MCC 2B	AB	121-00	2209
01	Q2R17B008-A		MCC 2U	AB	139-00	2347
01	Q2R17B009-B		MCC 2V	AB	139-00	2334
01	Q2R17B098-A		MCC 2CC	AB	155-00	2409
01	Q2R17B099-B		MCC 2DD	AB	155-00	2405
01	Q2R17B510-B		MCC 2T	DB	155-00	0059
02	Q2R18B029-A		POWER DISCONNECT SWITCH	AB	139-00	2332
02	Q2R18B030-A		POWER DISCONNECT SWITCH	AB	139-00	2332
14	Q2R18B031-A		CIRCUIT BREAKER BOX	AB	139-00	2332
14	Q2R18B032-A		CIRCUIT BREAKER BOX	AB	139-00	2332
02	Q2R18B033-B		POWER DISCONNECT SWITCH	AB	139-00	2322
02	Q2R18B034-B		POWER DISCONNECT SWITCH	AB	139-00	2322
14	Q2R18B035-B		CIRCUIT BREAKER BOX	AB	139-00	2322
02	Q2R18B036-B		POWER DISCONNECT SWITCH	AB	139-00	2322
02	Q2R18B038-A		MOV POWER DISCONNECT SWITCH	AB	139-00	2332
02	Q2R18B039-A		MOV POWER DISCONNECT SWITCH	AB	139-00	2332
02	Q2R18B040-A		MOV POWER DISCONNECT SWITCH	AB	139-00	2332
02	Q2R18B041-B		MOV POWER DISCONNECT SWITCH	AB	139-00	2312
02	Q2R18B042-B		MOV POWER DISCONNECT SWITCH	AB	139-00	2312
02	Q2R18B043-B		MOV POWER DISCONNECT SWITCH	AB	139-00	2312
14	Q2R21B001A-1		120 V REG. PANEL 2C	AB	155-00	2416
14	Q2R21B001B-2		120 V REG. PANEL 2D	AB	155-00	2416
14	Q2R21B001C-3		120 V REG. PANEL 2E	AB	139-00	2318
14	Q2R21B001D-4		120 V REG. PANEL 2F	AB	139-00	2318
16	Q2R21E009A-1		INVERTER 2A	AB	121-00	2224
16	Q2R21E009B-2		INVERTER 2B	AB	121-00	2224
16	Q2R21E009C-3		INVERTER 2C	AB	121-00	2226
16	Q2R21E009D-4		INVERTER 2D	AB	121-00	2226

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

LINE NO.	CLASS	MARK NO.	SYSTEM/EQUIPMENT DESCRIPTION	BUILDING	ELEV	ROOM
(1)	(2)	(3)	(4)	(5)	(6)	(7)
16	Q2R21E009F-A		INVERTER 2F	AB	121-00	2224
16	Q2R21E009G-B		INVERTER 2G	AB	121-00	2226
14	Q2R21L001A-1		120V VITAL AC INSTRUMENT DISTRIBUTION PANEL 2A	AB	155-00	0471
14	Q2R21L001B-2		VITAL AC DISTRIBUTION PANEL 2B	AB	155-00	2471
14	Q2R21L001C-3		VITAL AC DISTRIBUTION PANEL 2C	AB	139-00	2318
14	Q2R21L001D-4		VITAL AC DISTRIBUTION PANEL 2D	AB	139-00	2318
14	Q2R21L005A-A		120V VITAL AC DISTRIBUTION PANEL 2J	AB	121-00	2224
14	Q2R21L005B-B		120V VITAL AC DISTRIBUTION PANEL 2K	AB	121-00	2226
03	Q2R36A501-A		4.16KV SWITCHGEAR 2K SURGE ARRESTOR	SW	188-06	0072A
03	Q2R36A502-B		4.16KV SWITCHGEAR 2L SURGE ARRESTOR	SW	188-06	0072A
03	Q2R36A510-A		4.16KV SWITCHGEAR 2K SURGE ARRESTOR	DB	155-00	0056A
03	Q2R36A511-B		4.16KV SWITCHGEAR 2L SURGE ARRESTOR	DB	155-00	0056C
14	Q2R41L001A-A		125VDC DISTRIBUTION PANEL 2A	AB	155-00	0471
14	Q2R41L001B-A		125VDC DISTRIBUTION PANEL 2B	AB	139-00	2343
14	Q2R41L001C-A		125VDC DISTRIBUTION PANEL 2C	AB	139-00	2312
14	Q2R41L001D-B		125VDC DISTRIBUTION PANEL 2D	AB	155-00	0471
14	Q2R41L001E-B		125VDC DISTRIBUTION PANEL 2E	AB	121-00	2233
14	Q2R41L001F-B		125VDC DISTRIBUTION PANEL 2F	AB	121-00	2209
14	Q2R41L507-A		125VDC DISTRIBUTION PANEL 2M	SW	188-06	0072E
14	Q2R41L508-B		125VDC DISTRIBUTION PANEL 2N	SW	188-06	0072B
02	Q2R42B001A-A		125VDC BUS 2A	AB	121-00	2224
14	Q2R42B001B-B		125VDC BUS 2B	AB	121-00	2226
18	Q2R42B522A-A		UNIT 2 SERVICE WATER BATTERY FUSE BOX	SW	188-06	0074
18	Q2R42B522B-B		UNIT 2 SERVICE WATER BATTERY FUSE BOX	SW	188-06	0073
16	Q2R42E001A-A		BATTERY CHARGER 2A	AB	121-00	2224
16	Q2R42E001B-B		BATTERY CHARGER 2B	AB	121-00	2226
15	Q2R42E002A-A		BATTERY 2A	AB	121-00	2214
15	Q2R42E002B-B		BATTERY 2B	AB	121-00	2212
17	Q2R43A505-B		DIESEL GENERATOR 2B (SKID)	DB	155-00	0059

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: U2MASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

APPENDIX B
SEISMIC REVIEW SAFE SHUTDOWN EQUIPMENT LIST (SSEL)
FARLEY UNIT 2

Page No. 14

LINE NO. (1)	CLASS (2)	MARK NO. (3)	SYSTEM/EQUIPMENT DESCRIPTION (4)	BUILDING (5)	ELEV (6)	ROOM (7)
20		Q2R43E001A-A	SEQUENCER B2F	AB	139-00	2335
20		Q2R43E001B-B	SEQUENCER B2G	AB	121-00	2229
20		Q2R43E002A-A	SEQUENCER B2F AUX PANEL	AB	139-00	2343
20		Q2R43E002B-B	SEQUENCER B2G AUX RELAY PANEL	AB	121-00	2233
20		Q2R43E501A-A	4KV BUS 2H SEQUENCER	DB	155-00	0056A
20		Q2R43E501B-B	BUS 2J LOADING SEQUENCER	DB	155-00	0056C
0		Q2R43E502B-B	DIESEL GENERATOR 2B NEUTRAL GROUNDING RESISTOR	DB	155-00	0059
04		Q2R43G510-B	DIESEL GENERATOR TERMINAL CT JB	DB	155-00	0059
21		Q2R43T503-B	FUEL OIL DAY TANK 2B	DB	155-00	0064
21		Q2R43T504	DIESEL GENERATOR 2B STARTING AIR RECEIVER TANK	DB	155-00	0059
21		Q2R43T505	DIESEL GENERATOR 2B STARTING AIR RECEIVER TANK	DB	155-00	0059
09		Q2V47C012A-A	AUXILIARY BLDG A TRAIN BATTERY ROOM EXHAUST FAN	AB	175-00	2501
09		Q2V47C012B-B	AUXILIARY BLDG B TRAIN BATTERY ROOM EXHAUST FAN	AB	177-00	2501
06		Q2Y52P503B-B	DIESEL GEN 2B FUEL OIL STORAGE TRANSFER PUMP	YD	140-00	YARD
21		Q2Y52T503	FUEL STORAGE TANK 2B	YD	155-00	YARD
18		QSY41B532B-B	DIESEL GEN. ROOM 2B FIRESTAT	DB	155-00	0059
18		QSY41B616E-B	DIESEL GEN. ROOM 2B FIRESTAT	DB	155-00	0059
18		QSY41B616F-B	DIESEL GEN. ROOM 2B FIRESTAT	DB	155-00	0059
18		QSY41B616G-B	DIESEL GEN. ROOM 2B FIRESTAT	DB	155-00	0059
18		QSY41B616H-B	DIESEL GEN. ROOM 2B FIRESTAT	DB	155-00	0059
09		QSY41C507C-B	DG RM 2B EXHAUST FAN	DB	177-00	0059
09		QSY41C507D-B	DG RM 2B EXHAUST FAN	DB	177-00	0059
0		QSY41M542A-B	DG RM 2B INTAKE LOUVER MOTOR	DB	155-00	0059
0		QSY41M542B-B	DG RM 2B INTAKE LOUVER MOTOR	DB	155-00	0059
0		QSY41M542C-B	DG RM 2B INTAKE LOUVER MOTOR	DB	155-00	0059
0		QSY41M542D-B	DG RM 2B INTAKE LOUVER MOTOR	DB	155-00	0059

Report Date/Time: 02-27-95 / 16:27:33
 Data Base File Name/Date/Time: UZMASTER.DBF / 02/27/95 / 16:24:54
 Sort Criteria: ID Number
 Filter Criteria: (Eval. Type CONTAINS 'S')
 Program File Name & Version: SSEM v0.0

ATTACHMENT 1**SEISMIC WALKDOWN EQUIPMENT LISTS****UNIT 2 – SWEL 1****NO. SNCF164-RPT-02**

<u>Equipment List</u>	<u>Pages</u>
Unit 2 - Base List 1	2-16
Unit 2 – SWEL 1	17-21
Unit 2 – Base List 2	22-23
Unit 2 – SWEL 2	24-26

PLANT FARLEY
UNIT 2 SWEL 1

SWEL Revision Date - 9/18/12

Originator: Ryan Harlos *RH* Date: 9/18/12

Originator: ROBERT WOOD *RW* Date: 9/18/12

Reviewer: Taylor Youngblood *T. Youngblood* Date: 9/21/12

Ops Reviewer: Bill Arcens *Bill Arcens* Date: 9-19-12

Peer Reviewer: MELANIE BROWN *Melanie Brown* Date: 10-24-12

Peer Reviewer: KENNETH L. WHITMAN *Kenneth L. Whitman* Date: 10-24-12

Peer Reviewer: R. ASHWORTH *R. Ashworth* Date: 10/24/12

Peer Reviewer: Richard G. Stark II *Richard G. Stark II* Date: 10/24/12

ATTACHMENT 1: SEISMIC WALKDOWN EQUIPMENT LISTS

NO. SNCF164-RPT-02, VERSION 1.0

41	Q2H11N6PK2505D	PROCESS PROTECTION CABINET CHANNEL 4	Auxiliary Bldg.	155/0471	N	X					H11		20		AB-155/0471			X	X				
42	Q2H11N6PK2505H	PROCESS CONTROL CABINET CHANNEL 4	Auxiliary Bldg.	155/0471	N	X					H11		20		AB-155/0471			X	X				
43	Q2H11N6SP2506N	SOLID STATE PROTECTION TEST CABINET	Auxiliary Bldg.	155/0471	A	X		X			H11		20		AB-155/0471			X	X			X	IPEE: POTENTIAL INTERACTION WITH OVERHEAD LIGHT AND ADJACENT CABINETS NOT BOLTED TOGETHER; RESOLVE BY RESTRAINING OVERHEAD LIGHT AND BOLTING CABINETS TOGETHER
44	Q2H21E005	4.16KV SWITCHGEAR 2G LOCAL CONT PANEL	Auxiliary Bldg.	121/2233	B	X		X	X	X	H21		20		AB-121/2233				X	X			
45	Q2H21E006	4.16KV SWITCHGEAR 2I LOCAL CONT PANEL	Diesel Bldg.	155/0056C	B	X					H21		20		DB-155/0056C				X	X			
46	Q2H21E007	4.16KV SWITCHGEAR 2L LOCAL CONT PANEL	SWIS	188/0072B	B	X					H21		20		SW-188/0072B			X	X	X			IPEE: POTENTIAL INTERACTION WITH OVERHEAD LIGHT AND ADJACENT CABINETS NOT BOLTED TOGETHER; RESOLVE BY RESTRAINING OVERHEAD LIGHT AND BOLTING CABINETS TOGETHER
47	Q2H21N0MER2619	SG 1C WIDE RANGE LEVEL MCB ISOLATOR	Auxiliary Bldg.	121/2227	B	X					H21		20		AB-121/2227				X	X			
48	Q2H21001D	MULTIPLYING RELAY CABINET 2D	Auxiliary Bldg.	139/2318	B	X					H22		20		AB-139/2318				X	X		X	
49	Q2H21001	TRANSFER RELAY CABINET 2	Auxiliary Bldg.	100/2190	A	X					H22		20		AB-100/2190			X	X				IPEE: POTENTIAL INTERACTION FROM NEARBY TABLE; RESOLVE BY REMOVING TABLE
50	Q2H21L503	DIESEL LOCAL RELAY PANEL 2B	Diesel Bldg.	155/0058	B	X					H22		20		DB-155/0058			X		X			IPEE: POTENTIAL INTERACTION FROM OVERHEAD LIGHT AND ADJACENT CABINETS NOT BOLTED TOGETHER; RESOLVE BY RESTRAINING OVERHEAD LIGHTS AND BOLTING CABINETS TOGETHER
51	Q2H25L079	TERMINATION CABINET	Auxiliary Bldg.	139/2318	B	X					H25		20		AB-139/2318			X		X			IPEE: POTENTIAL INTERACTION FROM PANELS H25009-A, 10-A, 11-A, 40-A, 40-B, 40-C, 40-D, AND 40-E; RESOLVE BY BOLTING CABINETS TOGETHER.
52	Q2N11HV3369C	MAIN STEAM ISOLATION VALVE	Auxiliary Bldg.	127/2241	A	X			X		N11		7		AB-127/2241				X		X (1)		
53	Q2N11HV3370B	MAIN STEAM LINE ISOLATION VALVE	Auxiliary Bldg.	127/2241	B	X			X		N11	X	7		AB-127/2241				X		X (1)		REPLACED AIR CYLINDER WITH LARGER AIR CYLINDER AND STIFFER SPRING CDP 2072448001
54	Q2N11P7044	SG 2B DISCHARGE PRESSURE	Auxiliary Bldg.	130/2241	N						N11		28		AB-130/2241				X		X		
55	Q2N11P93371B	MAIN STEAM ATMOSPHERIC RELIEF VALVE	Auxiliary Bldg.	127/2241	A				X		N11		7		AB-127/2241				X		X (1)	X	
56	Q2N11SV3369CC	SOLENOID FOR MAIN STEAM ISOLATION VALVE	Auxiliary Bldg.	127/2241	A				X		N11		8		AB-127/2241				X		X (1)		
57	Q2N23132729CB	FEEDWATER INTAKE FLOW INDICATION	Auxiliary Bldg.	100/2190	B				X		N23		18		AB-100/2190				X		X		
58	Q2N23132729B	AUX FEEDWATER FLOW TRANSMITTER	Auxiliary Bldg.	100/2194	B				X		N23	X	18		AB-100/2194				X		X		
59	Q2N23HV327C	MOTOR DRIVEN AUX FEEDWATER TO STEAM GENERATOR 2C	Auxiliary Bldg.	130/2241	A				X		N23		7		AB-130/2241				X		X (1)	X	DCP 98-2-9431
60	Q2N23M0V3209B	SW ISOLATION VALVE TO AUX FEEDWATER	Auxiliary Bldg.	100/2192	B				X		N23		8		AB-100/2192				X		X (1)		
61	Q2N23M0V3210A	SW TO AUX FEEDWATER PUMP 2A INTAKE	Auxiliary Bldg.	100/2192	A				X		N23		8		AB-100/2192				X		X (1)		
62	Q2N23P001B	AUX FEEDWATER PUMP 2B	Auxiliary Bldg.	100/2192	B				X		N23		5		AB-100/2192				X	X	X		
63	Q2P11T0515	CONDENSATE STORAGE TANK LEVEL TRANSMITTER	Yard	155'	A				X		P11		18		AB-100/2192			YARD-155'		X	X	X	
64	Q2P11T001	CONDENSATE STORAGE TANK	Yard	155'	N				X		P11	X	21		AB-100/2192			YARD-155'		X	X		INSTALLED TORNADO MISSILE PROTECTION ON THE MANHOLE AND COVERPLATE DCP 503-2-9996
65	Q2P13HV2867C	CTMI PURGE ISOLATION OUTSIDE CTMI VALVE	Auxiliary Bldg.	121/2223	A				X		P13		7		AB-121/2223				X		X (1)		
66	Q2P16V301B	SW STRAINER 2B	SWIS	167/0072	B	X		X	X		P16		0		AB-167/0072			SW-167/0072A		X	X	X	
67	Q2P16V3009C	CCW HEAT EXCHANGER SW DISCHARGE	Auxiliary Bldg.	100/2185	A	X		X	X		P16	X	7		AB-100/2185				X		X (1)	X	DCP 2070138901
68	Q2P16L002	SW DISCHARGE VALVE RELAY CABINET 2B	Auxiliary Bldg.	100/2405	B	X					P16		20		AB-100/2405				X	X			
69	Q2P16P07C	SERVICE WATER PUMP 2C	SWIS	188/0072A	AB	X		X			P16	X	8		AB-188/0072A			YARD-155'		X	X	X	REPLACED PER DCP 2051571401
70	Q2P16V54	SW TO TURBINE BLDG ISOLATION VALVE	Yard	155'	B	X			X		P16	X	8		YARD-155'			YARD-155'		X	X (1)		MDC 2092531601
71	Q2P16V52G	SW TO TURBINE BLDG TRAIN A ISOLATION	Yard	155'	B	X					P16	X	8		YARD-155'			YARD-155'		X	X (1)		MDC 2092531601
72	Q2P16V539	SW EMERGENCY RECIRCULATION TO POND	Yard	155'	A	X					P16		8		YARD-155'			YARD-155'		X	X (1)		
73	Q2P16V546	SW DISCHARGE FROM AUXILIARY BUILDING	Yard	155'	A	X					P16		8		YARD-155'			YARD-155'		X	X (1)		
74	Q2P16V563	A TRN DIL BYP PCV	Yard	155'	A	X					P16	X	7		YARD-155'			YARD-155'		X	X (1)	X	DCP 502-2-9836
75	Q2P16V528	2C PUMP MIN FLOW	SWIS	188'	AB	X					P16		7		YARD-155'			YARD-155'		X	X (1)	X	
76	Q2P17HV001B	ISOLING CCW HEAT EXCHANGER	Auxiliary Bldg.	100/2185	B	X			X		P17		21		AB-100/2185				X	X	X (1)	X	
77	Q2P17HV1045	CCW RETURN FROM RCP THERMAL BARRIER ISOLATION	Auxiliary Bldg.	121/2223	A	X		X			P17		7		AB-121/2223				X		X (1)		
78	Q2P17HV3095	CCW SUPPLY TO EXCESS LETDOWN HEAT EXCHANGER	Auxiliary Bldg.	100/2161	B	X		X			P17		7		AB-100/2161				X		X (1)		
79	Q2P17HV3098B	CCW NON-SAFETY ISOLATION	Auxiliary Bldg.	100/2161	B	X		X			P17		7		AB-100/2161				X		X (1)		
80	Q2P17HV3096	CCW RETURN FROM RCP	CTMI	129'	B	X		X			P17		8		CTMI-129'				X		X (1)	X	
81	Q2P17HV3185B	CCW INLET TO RHR HEAT EXCHANGER NO. 2	Auxiliary Bldg.	083/2128	B	X		X			P17		8		AB-083/2128				X		X (1)	X	
82	Q2P17P001C	CCW PUMP 2C TRAIN A	Auxiliary Bldg.	100/2185	A	X		X			P17		5		AB-100/2185				X	X	X	X	
83	Q2P17T001	SURGE TANK (CCW)	Auxiliary Bldg.	179/2506	N	X		X			P17		21		AB-179/2506				X	X			
84	Q2P18C002B	TRAIN B EMERGENCY AIR COMPRESSOR	Auxiliary Bldg.	100/2189	B	X		X			P18	X	12		AB-100/2189				X	X	X	X	DCP 99-0-9553
85	Q2P19HV3611	CTMI DIST AIR ISD	Auxiliary Bldg.	100/2184	A				X		P19		7		AB-100/2184				X	X	X (1)	X	
86	Q2R118507	LC TRANSFORMER 25	Diesel Bldg.	155/2229	B	X					R11		4		DB-155/0056C				X		X	X	IPEE: BOLT MISSING AT SUPPORT; RESOLVE BY INSTALLING MISSING BOLT
87	Q2R168006-A	600V LOAD CENTER 2D	Auxiliary Bldg.	139/2335	A	X					R16		2		AB-139/2335				X		X	X	
88	Q2R168007	600V LOAD CENTER 2E	Auxiliary Bldg.	121/2229	B	X					R16		2		AB-121/2229				X		X	X	IPEE: INADEQUATE RELAY ANCHORAGE; RESOLVE BY MODIFYING ANCHORAGE
89	Q2R178001-A	MCC 2A	Auxiliary Bldg.	139/2332	A	X					R17		1		AB-139/2332				X		X	X	
90	Q2R178001-A	MCC 2C	Auxiliary Bldg.	155/2409	A	X					R17		1		AB-155/2409				X		X	X	
91	Q2R178002-B	MCC 2B	Auxiliary Bldg.	121/2209	B	X					R17		1		AB-121/2209				X	X	X	X	
92	Q2R178510	MCC 2T	Diesel Bldg.	155/0059	B	X					R17		1		DB-155/0059				X	X	X	X	
93	Q2R188030	POWER DISCONNECT SWITCH	Auxiliary Bldg.	139/2332	A	X					R18		2		AB-139/2332				X	X	X	X	
94	Q2R188032	CIRCUIT BREAKER BOX	Auxiliary Bldg.	139/2332	A	X					R18		14		AB-139/2332				X	X	X	X	

ATTACHMENT 1: SEISMIC WALKDOWN EQUIPMENT LISTS

NO. SNCF164-RPT-02, VERSION 1.0

95	Q2R18B034	POWER DISCONNECT SWITCH	Auxiliary Bldg.	139/2312	B	X					R18		2		AB-139/2322			X	X				
96	Q2R18B043	MGV POWER DISCONNECT SWITCH	Auxiliary Bldg.	139/2318	B	X					R18		2		AB-139/2318			X	X				
97	Q2R210061D	120V REG PANEL 2F	Auxiliary Bldg.	139/2318	N	X					R21		14		AB-139/2318			X	X				
98	Q2R21009D	INVERTER 2D	Auxiliary Bldg.	121/2376	B	X			X		R21		16		AB-121/2276			X	X			X	
99	Q2R21001D	VITAL AC DISTRIBUTION PANEL 2D	Auxiliary Bldg.	139/2318	N	X					R21		14		AB-139/2318		X		X			X	IPEEE: SCREWS MISSING AT INTERNAL PANEL; RESOLVE BY INSTALLING MISSING SCREWS
100	Q2R36A501	4.16KV SWITCHGEAR 2X SURGE ARRESTOR	SWIS	188/0072A	A	X					R36		3		SW-188/0072A		X				X		IPEEE: INADEQUATE ANCHORAGE DUE TO LOOSE BOLTS AND CRACKED CONCRETE; RESOLVE BY TIGHTENING BOLTS AND REPAIRING CONCRETE CRACK
101	Q2R411001A	125VDC DISTRIBUTION PANEL 2A	Auxiliary Bldg.	155/0471	A	X					R41		14		AB-155/0471		X			X		X	IPEEE: POTENTIAL INTERACTION FROM ADJACENT FILING CABINET; RESOLVE BY RESTRAINING OR REMOVING FILING CABINET
102	Q2R42B522A	UNIT 2 SERVICE WATER BATTERY FUSE BOX	SWIS	188/0074	A	X			X	X	R42		18		SW-188/0074			X	X			X	
103	Q2R42E001A	BATTERY CHARGER 2A	Auxiliary Bldg.	121/2224	A	X			X	X	R42	X	16		AB-121/2224			X	X			X	REPLACED PER DCP 2063314701
104	Q2R42E002B	BATTERY 2B	Auxiliary Bldg.	121/2212	B	X			X	X	R42		15		AB-121/2212			X	X			X	
105	Q2R44A505	DIESEL GENERATOR 2B (SKID)	Diesel Bldg	155/0059	B	X			X	X	R43	X	17		DB-155/0059			X	X			X	MULTIPLE DESIGN W/CS SINCE IPEEE REPORT
106	Q2R43E001B	SEQUENCER B2G	Auxiliary Bldg.	121/2229	B	X			X	X	R43	X	20		AB-121/2229			X	X			X	REPLACED PER DCP 2091575501
107	Q2R43E002A	SEQUENCER B1F AUX PANEL	Auxiliary Bldg.	139/2343	A	X			X	X	R43		20		AB-139/2343		X		X				IPEEE: POTENTIAL INTERACTION WITH OVERHEAD LIGHT; RESOLVE BY RESTRAINING OVERHEAD LIGHT
108	Q2R43E002B	SEQUENCER B2C AUX RELAY PANEL	Auxiliary Bldg.	121/2233	B	X			X	X	R43		20		AB-121/2233			X	X				
109	Q5V41C502D	DG RM 2B EXHAUST FAN	Diesel Bldg	177/0059	B	X			X	X	V41	X	9		DB-177/0059			X	X			X	MDC C080781601
110	Q5V41M542D	DG RM 2B INTAKE LOUVER MOTOR	Diesel Bldg	155/0059	B	X			X	X	V41		0		DB-155/0059			X	X			X	

[1] - Component is not anchored (e.g. in-line component such as a valve)

ATTACHMENT 1**SEISMIC WALKDOWN EQUIPMENT LISTS****UNIT 2 – BASE LIST 2****NO. SNCF164-RPT-02**

<u>Equipment List</u>	<u>Pages</u>
Unit 2 - Base List 1	2-16
Unit 2 – SWEL 1	17-21
Unit 2 – Base List 2	22-23
Unit 2 – SWEL 2	24-26

Farley Unit 2 SWEL 2 Spent Fuel Pool Related Items
 NTTF Recommendation 2.3: Seismic Walkdowns

	MPL #	System/Equipment Description	Variety of Systems	Variety of Environments			Major new or replcmnt equipmnt	Variety of types of equipment (21 Classes from Appendix B) Class #	Location
				Submerged	Not Submerged	Other			
1	Q2G31H0001A	SPENT FUEL POOL HX 2A	G31		X			21 AB-155'/2445	
2	Q2G31H0001B	SPENT FUEL POOL HX 2B	G31		X			21 AB-165'/2467	
3	Q2G31P002A	2A SFP PUMP	G31		X			5 AB-139'/2342	
4	Q2G31P002B	2B SFP PUMP	G31		X			5 AB-139'/2342	
5	Q2G31V001A	2A SFP PUMP SUCT ISO	G31		X			0 AB-139'/2342	
6	Q2G31V001B	2B SFP PUMP SUCT ISO	G31		X			0 AB-139'/2342	
7	Q2G31V002A	2A SFP HX INLET ISO	G31		X			0 AB-139'/2445	
8	Q2G31V002B	2B SFP HX INLET ISO	G31		X			0 AB-155'/	
9	Q2G31V003A	2A SFP HX OUTLET ISO	G31		X			0 AB-155'/2445	
10	Q2G31V003B	2B SFP HX OUTLET ISO	G31		X			0 AB-165'/2467	
11	Q2G31V004A	2A SFP COOLING LOOP TO SFP PURIFICATION INLET ISO	G31		X			0 AB-139'/2342	
12	Q2G31V004B	2B SFP PUMP COOLING LOOP TO SFP PURIFICATION INLET ISO	G31		X			0 AB-139'/2342	
13	Q2G31V005	SFP PURIFICATION OUTLET TO SFP	G31		X			0 AB-155'/2445	
14	Q2G31V006	SFP COOLING LOOP RETURN (KEY #V-141)	G31		X			0 AB-139'/2342	
15	Q2G31V007	DW TO SFP ISO (KEY #V-231)	G31		X			0 AB-139'/2342	
16	Q2G31V008A	2A SFP PUMP DISCH PI-652B ROOT	G31		X			0 AB-139'/2342	
17	Q2G31V008B	2B SFP PUMP DISCH PI-652D ROOT	G31		X			0 AB-139'/2342	
18	Q2G31V009A	2A SFP PUMP SUCT PI-652A ROOT	G31		X			0 AB-139'/2342	
19	Q2G31V009B	2B SFP PUMP SUCT PI-652C ROOT	G31		X			0 AB-139'/2342	
20	Q2G31V017	SFP COOLING LOOP RETURN DRN	G31		X			0 AB-139'/2342	
21	Q2G31V021A	2A SFP PUMP CASING VENT	G31		X			0 AB-139'/2342	
22	Q2G31V021B	2B SFP PUMP CASING VENT	G31		X			0 AB-139'/2342	
23	Q2G31V022A	2A SFP PUMP CASING DRN	G31		X			0 AB-139'/2342	
24	Q2G31V022B	2B SFP PUMP CASING DRN	G31		X			0 AB-139'/2342	
25	Q2G31V023A	2A SFP PUMP SUCT DRN	G31		X			0 AB-139'/2342	
26	Q2G31V023B	2B SFP PUMP SUCT DRN	G31		X			0 AB-139'/2342	
27	Q2G31V024A	2A SFP PUMP SUCT VENT	G31		X			0 AB-139'/2342	
28	Q2G31V024B	2B SFP PUMP SUCT VENT	G31		X			0 AB-139'/2342	
29	Q2G31V025	2B SFP HX HIGH POINT VENT	G31		X			0 AB-165'/2467	
30	Q2G31V026	2B SFP COOLING LOOP DRN (INACCESSIBLE T/O)	G31		X			0 AB-139'/ (DEMIN VLV EXCLUSION AREA)	
31	Q2G31V027	2B SFP PUMP SUCT LINE DRN	G31		X			0 AB-139'/2342	
32	Q2G31V028	2B SFP HX OUTLET VENT	G31		X			0 AB-165'/2467	
33	Q2G31V029	2B SFP COOLING LOOP DRN (INACCESSIBLE T/O)	G31		X			0 AB-139'/ (DEMIN VLV EXCLUSION AREA)	
34	Q2G31V030	SFP COOLING LOOP RETURN VENT	G31		X			0 AB-139'/2342	

ATTACHMENT 1**SEISMIC WALKDOWN EQUIPMENT LISTS****UNIT 2 – SWEL 2****NO. SNCF164-RPT-02**

<u>Equipment List</u>	<u>Pages</u>
Unit 2 - Base List 1	2-16
Unit 2 – SWEL 1	17-21
Unit 2 – Base List 2	22-23
Unit 2 – SWEL 2	24-26

PLANT PARLEY
UNIT 2 SWEL 2

SWEL Revision Date - 9/18/12

Originator: Ryan Hadas *RH* Date: 9/18/12

Originator: ROBERT WOOD *RW* Date: 9/18/12

Reviewer: Taylor Youngblood *T.Y.* Date: 9/21/12

Ops Reviewer: Bill Arcus *WA* Date: 9-19-12

Peer Reviewer: MELANIE BROWN
Melanie Brown Date: 10-24-12

Peer Reviewer: KENNETH L. WHITMOUR *KLW* Date: 10-24-12

Peer Reviewer: ROBERT ASHWORTH *RA* Date: 10/24/12

Peer Reviewer: Richard G. Starck *RGS* Date: 10/24/12

Farley Unit 2 SWEL 2 Spent Fuel Pool Related Items - Revision Date 9/18/12
 NTF Recommendation 2.3: Seismic Walkdowns

MPL #	System/Equipment Description	Location	Screen #3						Screen #4		Comments	
			Variety of Systems	Major new or replcmnt equpmnt	Variety of types of equipment (21 Classes from Appendix B)	Variety of environments			Anchorage check required? (50% of Column B)			
						Class #	Submerged	Not Submerged	Other	Yes		No
1	Q2G31P002A	2A SFP PUMP	AUX BLDG / 139' / 2342	G31		5	X			X		
2	Q2G31V002A	2A SFP HX INLET ISO	AUX BLDG / 155' / 2445	G31		0	X				X	
3	Q2G31V003B	2B SFP HX OUTLET ISO	AUX BLDG / 165' / 2467	G31		0	X				X	
4	Q2G31V021B	2B SFP PUMP CASING VENT	AUX BLDG / 139' / 2342	G31		0	X				X	

ATTACHMENT 2

UNIT 2 – PEER REVIEW CHECKLIST FOR SWEL 1 AND 2

NO. SNCF164-RPT-02

Peer Review Checklist for SWEL for Farley Unit 2

Instructions for Completing Checklist

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

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

SWEL 1 for Farley Unit 2 meets the requirements of having 90 to 120 items and addresses all five safety functions. Many components provide safety functions for multiple systems, and/or are part of frontline support systems. All five safety functions discussed in EPRI Report 1025286 are well represented in the SWEL 1.

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

- a. Various types of systems? Y N

Items included on the SWEL comprise a variety of systems such as Emergency Diesel Generators and Auxiliaries, Service Water System, Component Cooling Water System, Automatic Depressurization, Residual Heat Removal System, Vital A/C and D/C systems.

- b. Major new and replacement equipment? Y N

New and replacement components are identified in SWEL 1.

- c. Various types of equipment? Y N

SWEL 1 includes at least one example of each of the 21 classes of equipment, except Classes 11 (chillers), 13 (Motor Generators) and 19 (Temperature Sensors). These components did not meet the screening criteria for incorporation in the SWEL as discussed in Section 6 of the submittal report.

All other equipment classes were well represented. In general, the number of components in each class is proportional to the number of safety-related components of that class in the plant as a whole, except that the number of in-line valves is proportionally smaller than anchored equipment. Anchored equipment is more vulnerable to seismic loads.

- d. Various environments? Y N

The SWEL contains components in mild, harsh, and outdoor environments. The components are located in different buildings, rooms, and/or on different building elevations. The SWEL also includes components located inside primary containment.

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

The SWEL included equipment that had been modified as a result of the IPEEE program. Section 5 and Attachment 5 of the submittal report provides information on resolution of the IPEEE findings. The SWEL and individual component checklists provide information about the IPEEE modifications and verification of modification incorporation.

Peer Review Checklist for SWEL for Farley Unit 2

- f. Were risk insights considered in the development of SWEL 1? Y N
SWEL 1 includes high risk components based on risk significance in the plant probabilistic risk assessment (PRA) models. Section 6 of the submittal report discusses the risk insights used for SWEL development.

3. For SWEL 2:

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

SWEL 2 includes components for maintaining cooling of the SFP, which are Seismic Category I components.

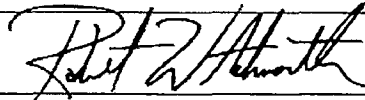
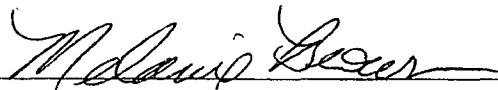
- b. Was an appropriate justification documented for spent fuel pool related items not included in SWEL 2? Y N

Section 6.2 of the submittal report provides the justification for excluding items on SWEL 2. There were no components identified that could contribute to rapid SFP drain down. Note that there were no new/replacement equipment in SWEL 2 because there have been no major modifications to the Spent Fuel Pool systems that would have affected equipment that meets the screening requirements to be included on SWEL 2.

4. Provide any other comments related to the peer review of the SWELs.

The peer review team reviewed the initial SWEL 1 and SWEL 2 and provided comments and suggestions for enhancement of the SWELs. Comments included suggestions to include additional electrical components and more equipment mounted to the structure, since such equipment has shown more potential to be adversely impacted by seismic loads than in-line mounted components. In addition, comments were made suggesting that certain equipment classes contain more components and that explanations be provided for not including certain equipment (e. g. there are no safety-related or Seismic Category I components in that equipment class installed in the plant). The peer reviewers ensured that the SWELs met the requirements of EPRI Report 1025286. Changes deemed necessary during the walkdown due to inaccessibility were reviewed by the peer reviewers to ensure that the changes did not impact the level of compliance to the EPRI report. The final SWEL meets all requirements of EPRI Report 1025286.

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

Peer Reviewer #1: Robert Ashworth

Date: 11/05/2012Peer Reviewer #2: Melanie Brown

Date: 11/05/2012

ATTACHMENT 3

UNIT 2 – SEISMIC WALKDOWN CHECKLISTS (SWCs)

NO. SNCF164-RPT-02

F2-3

F2-3

8/29/12

Sheet 1 of 3 10

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2C11E004B Equip. Class¹ 2

Equipment Description REACTOR TRIP SWITCHGEAR NO. 1

Location: Bldg. AUXILIARY Floor El. 121 Room, Area _____

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
CABINET WELDED TO EMBEDDED STEEL

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? Y N U N/A
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

ANCHORAGE CONFIGURATION VERIFIED TO BE IN ACCORDANCE WITH SEWS Q2C11E004 B-AB (10-12-93) AND Q2C11E004A-AB (10-12-93)

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

EPB

8/29/12
Sheet 2 of 3/10

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2C11E004B Equip. Class: 2

Equipment Description REACTOR TRIP SWITCHGEAR NO. 1

Interaction Effects

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

ON TOP & AROUND 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

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

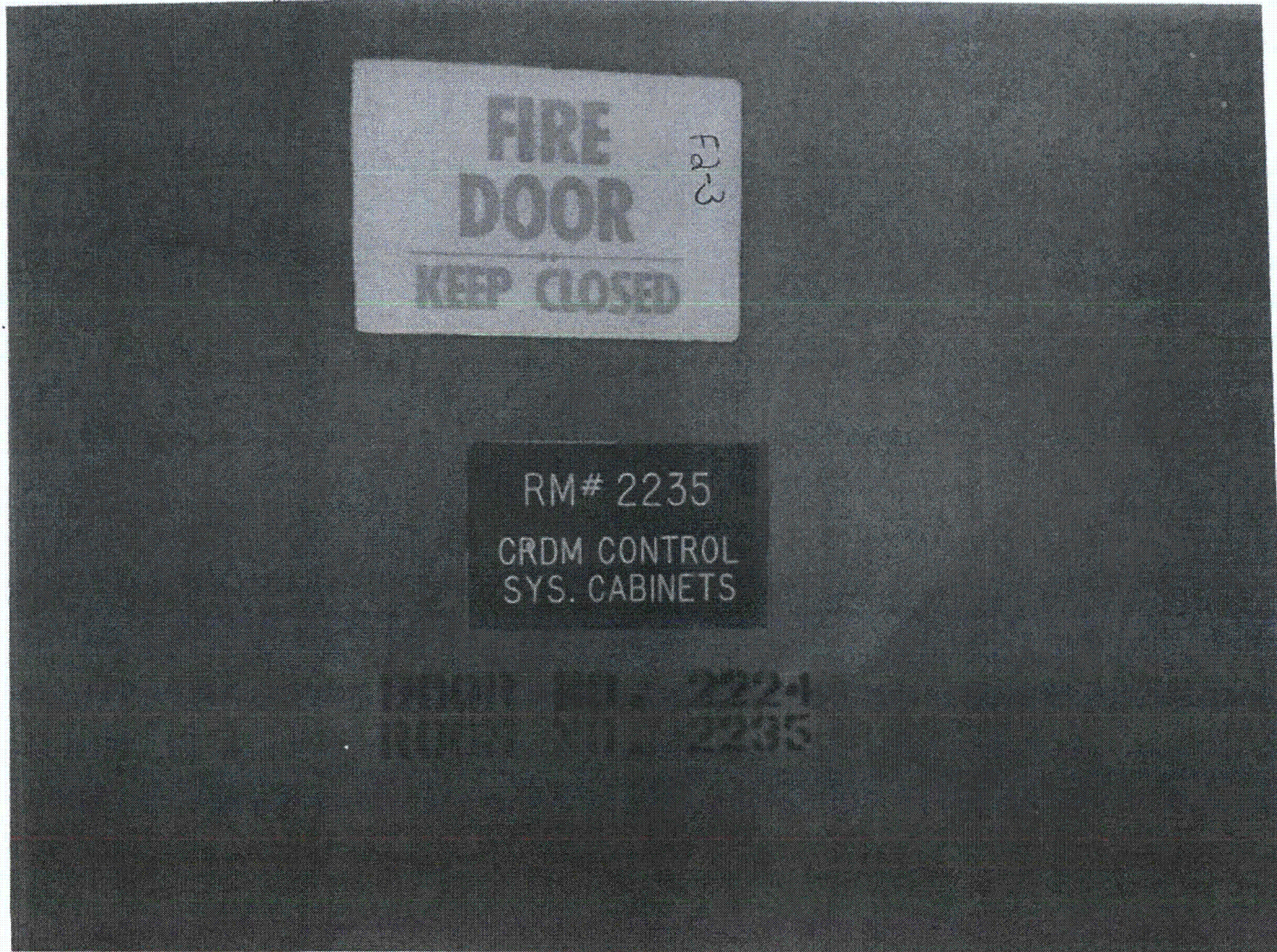
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

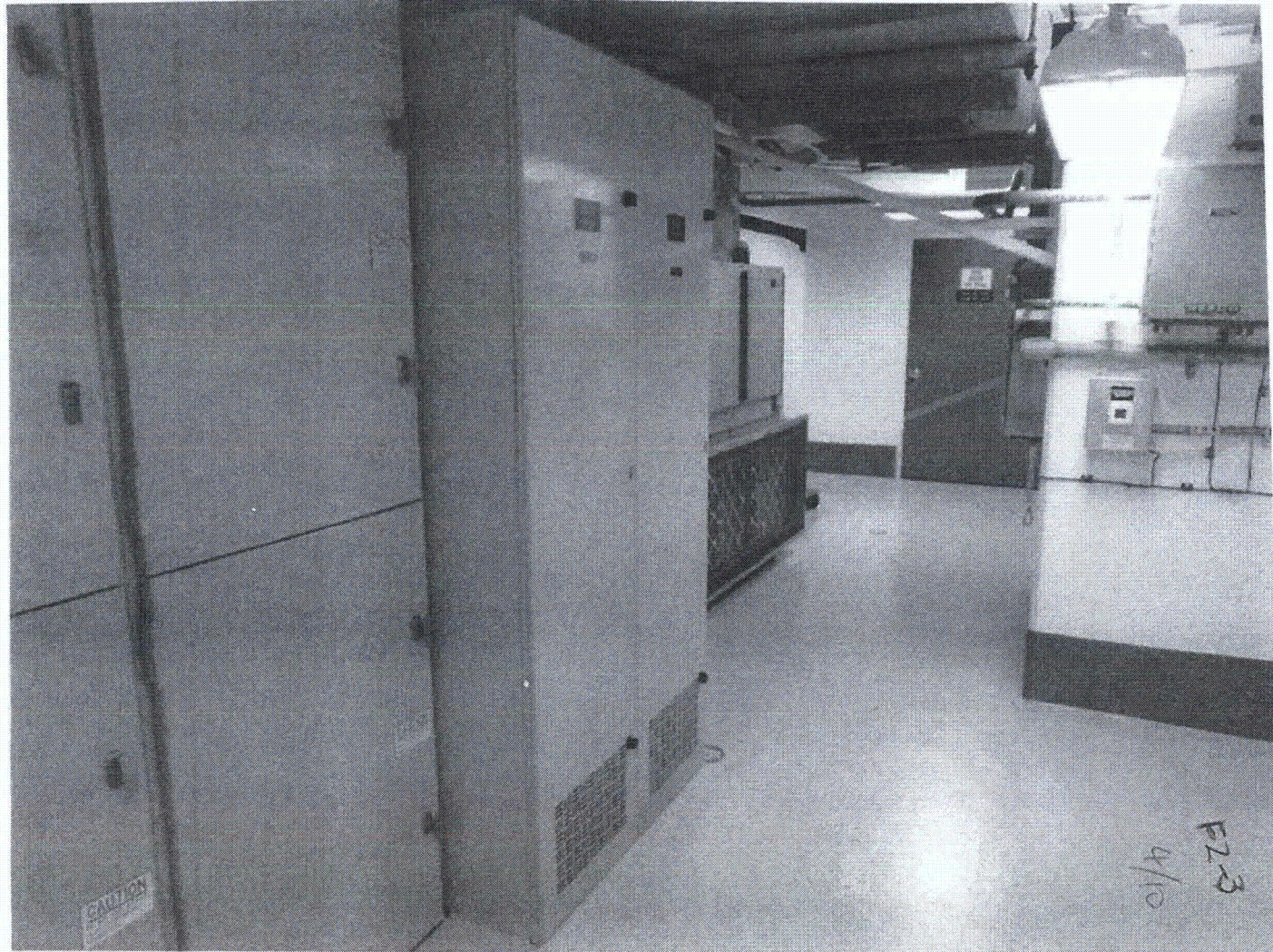
Comments (Additional pages may be added as necessary)

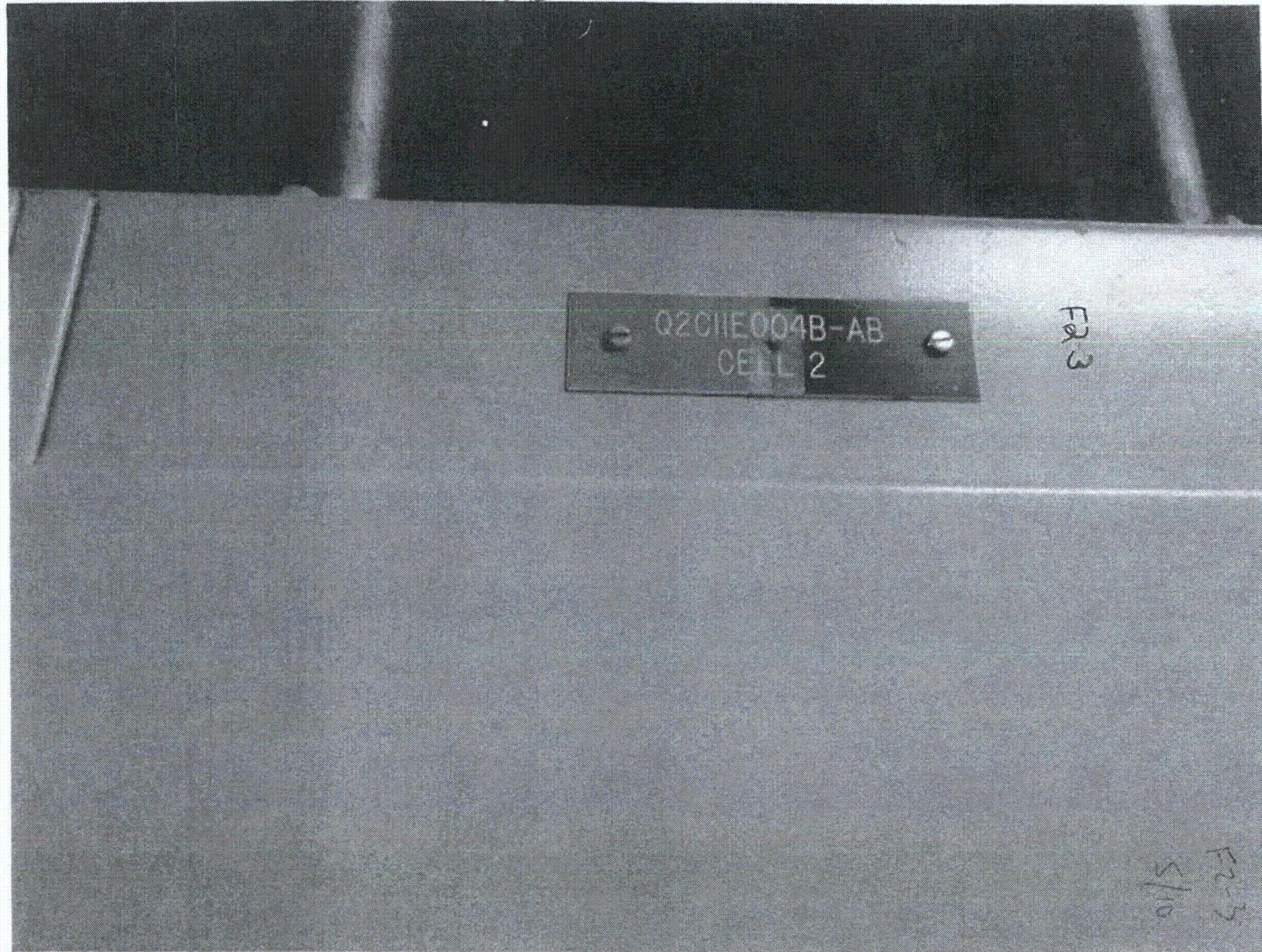
NONE

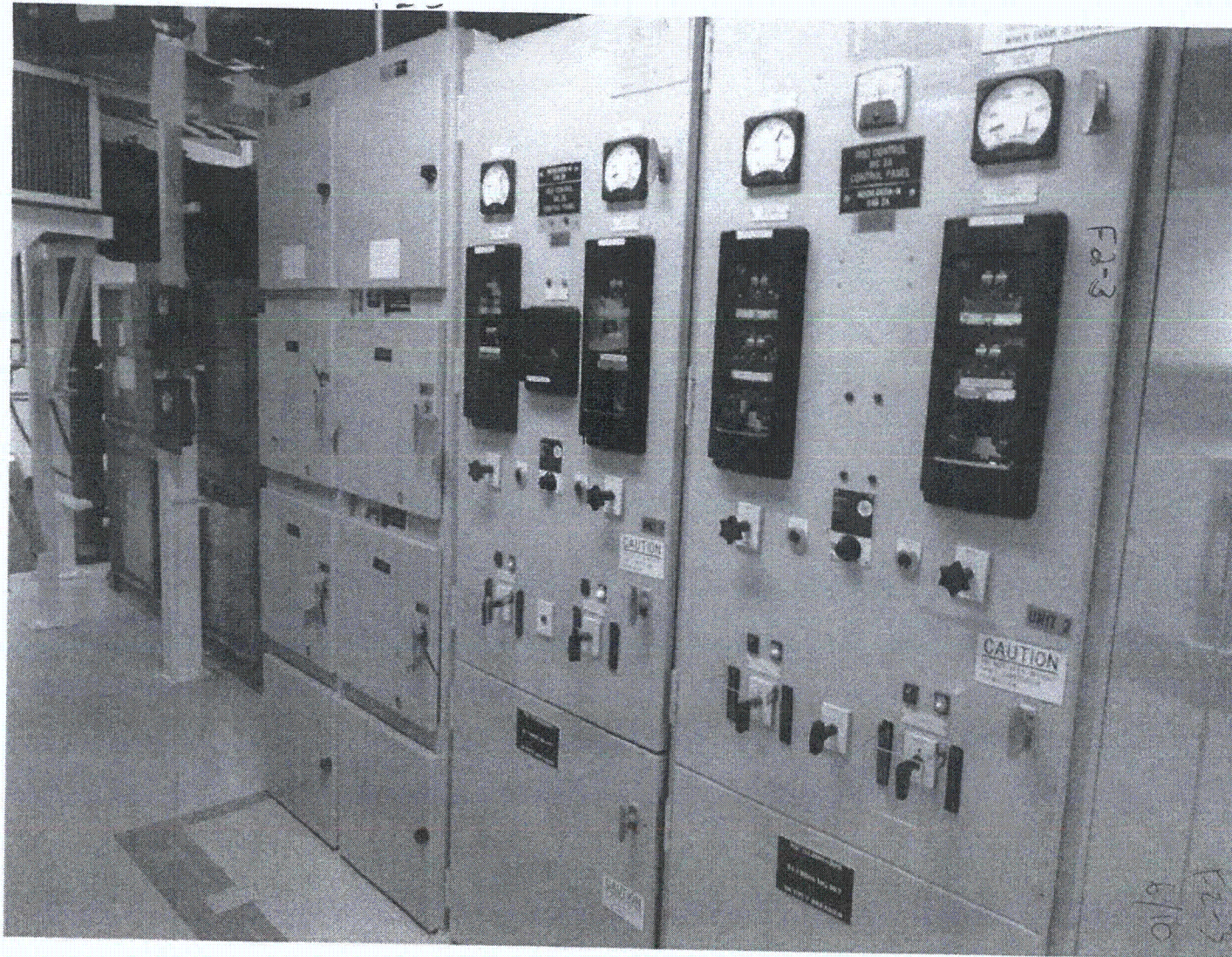
Evaluated by: P. MIKUS *Paul Mikus* Date: 8-29-12

S. YDAN *Stephen Ydan* 8-29-12

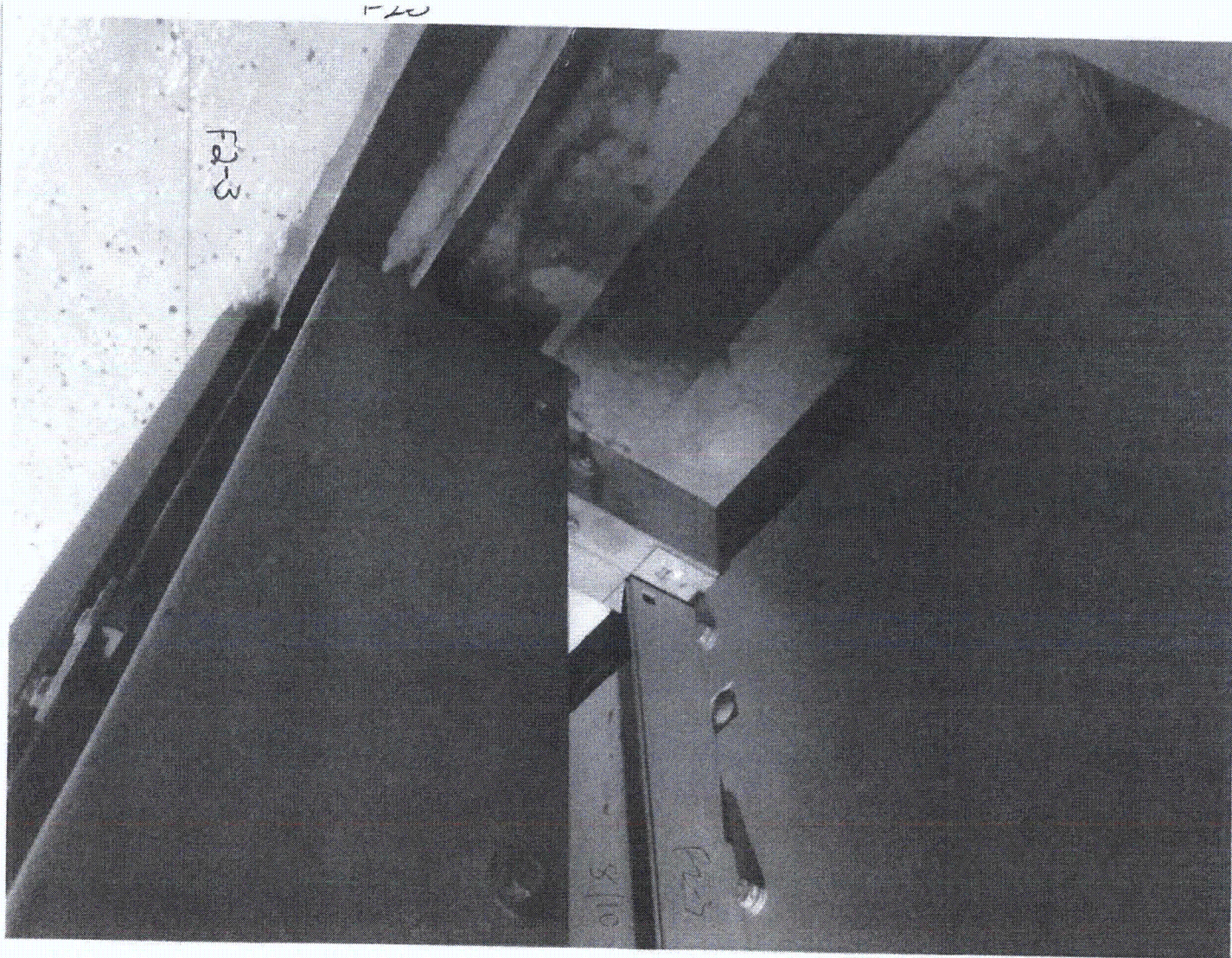


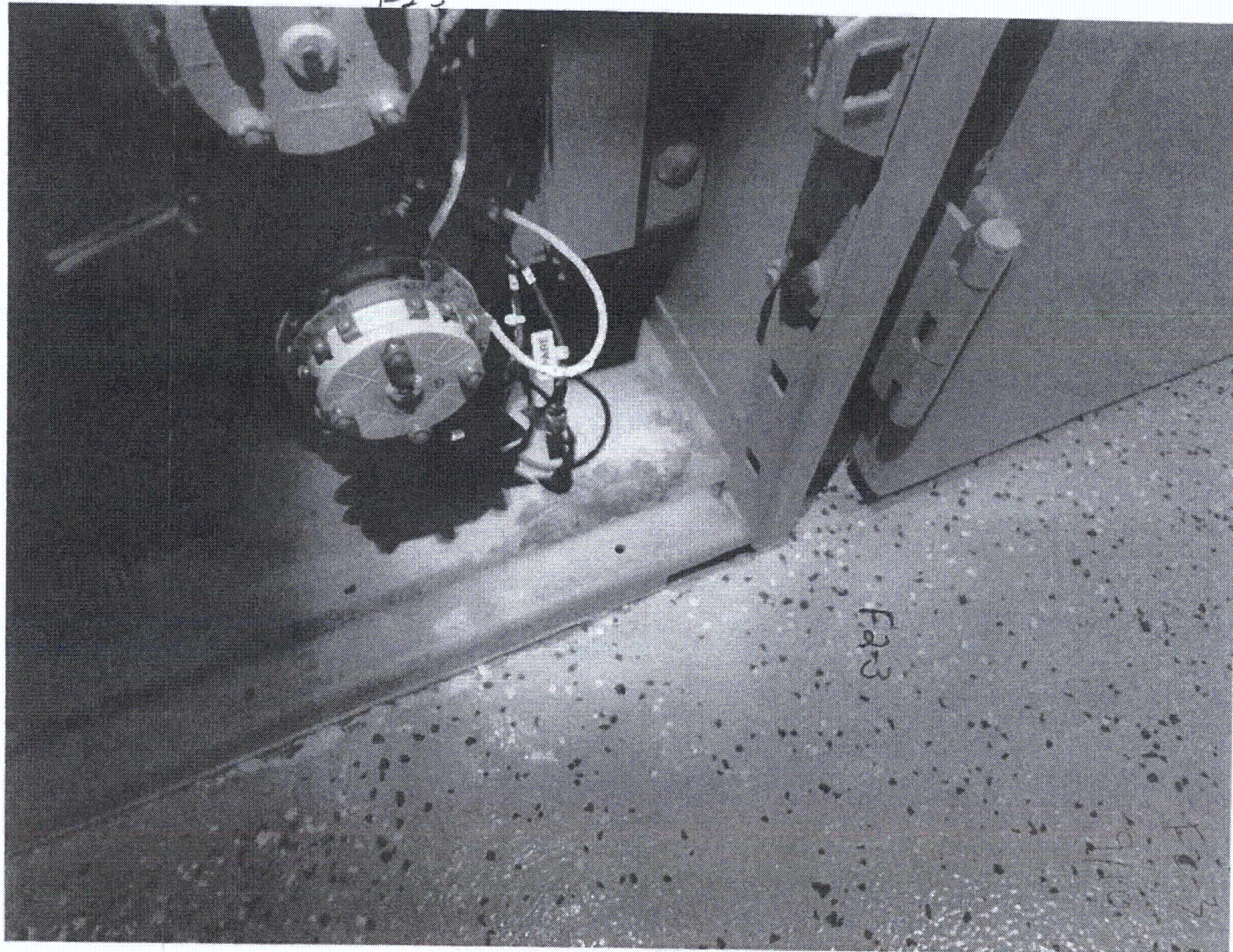


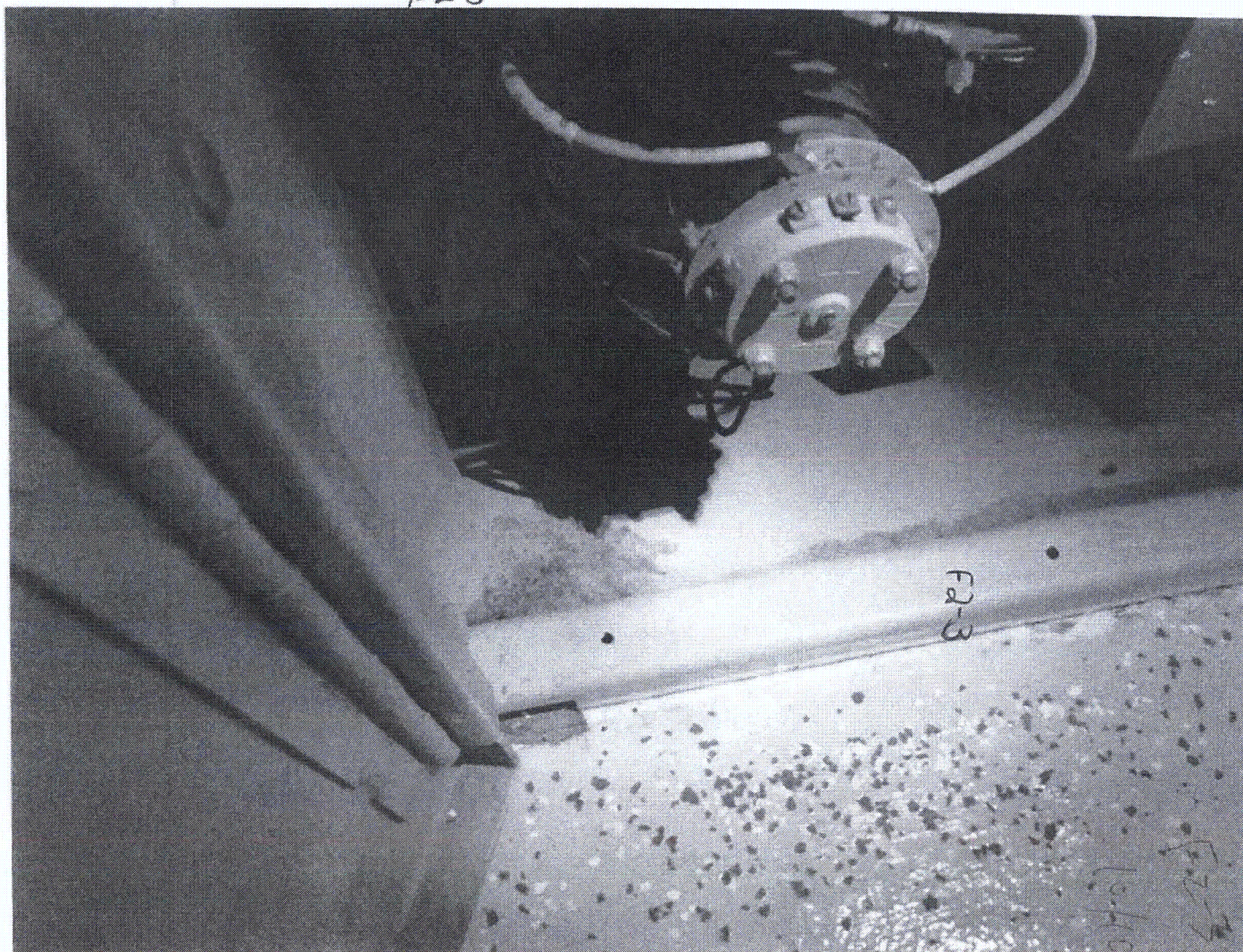












F2-4

Sheet 1 of 4

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11FCV0602B Equip. Class¹ B
 Equipment Description RHR PUMP MINI FLOW VALVE
 Location: Bldg. AUXILIARY Floor El. 77 Room, Area 2.122
 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

IN LINE EQUIPMENT

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? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

F12-4

Sheet 2 of 2

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11FCV0602B Equip. Class: 8

Equipment Description RHR PUMP MINI FLOW VALVE

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

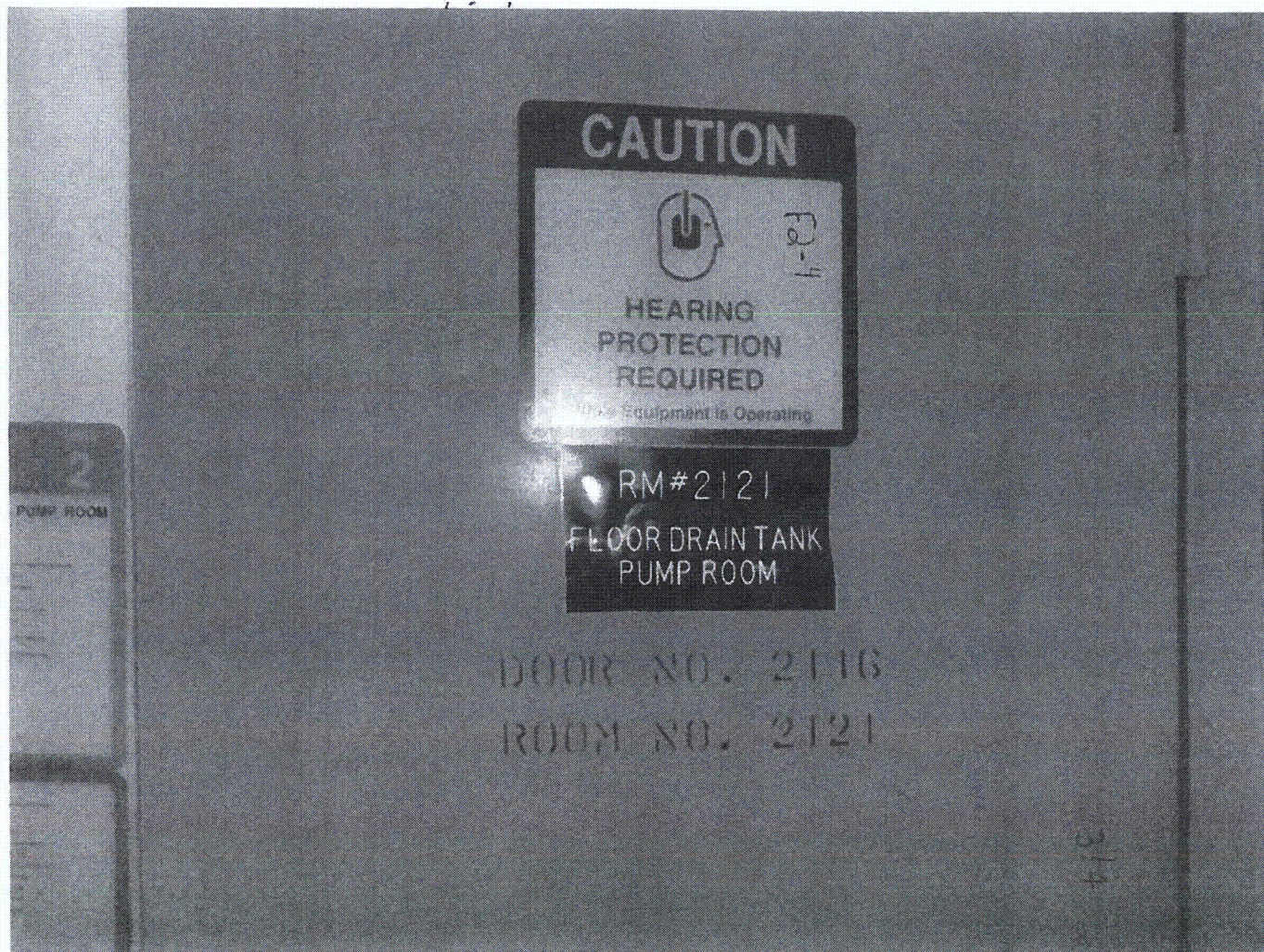
Other Adverse Conditions

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)

No COMMENTS

Evaluated by: STEPHEN YUAN *[Signature]* Date: 8-22-12
PAUL MIKTUS *[Signature]* 8-22-12





F2-5

Sheet 1 of 2

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11FIS602B, Pkg F2-5 Equip. Class¹ 18

Equipment Description RHR PUMP INDICATING SWITCH

Location: Bldg. AUXILIARY Floor El. 83 Room, Area 2128

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? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

F2-5

Sheet 2 of 4.2 *10/23/12*

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11FIS602B, Pkg Equip. Class: 18
F2-5

Equipment Description RHR PUMP INDICATING SWITCH

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)

None

This package was originally signed on 8-22-12 but retyped for clarity on 10-23-12.

Evaluated by: *Stephen Yuan* by Telecon 10/23/12 Date: 8/22/12

Paul A. Miktus *Paul A. Miktus* 10/23/12 8/22/12

Sheet 1 of 4

F2-6

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11FT0605B, Pkg Equip. Class¹ 18
F2-6

Equipment Description RHR HEAT EXCHANGER DISCHARGE FLOW TRANSMITTER

Location: Bldg. AUXILIARY Floor El. 83 Room, Area 2120

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? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 4

Status: Y N U

F2-6

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11FT0605B, Pkg Equip. Class: 18
F2-6

Equipment Description: RHR HEAT EXCHANGER DISCHARGE FLOW TRANSMITTER

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

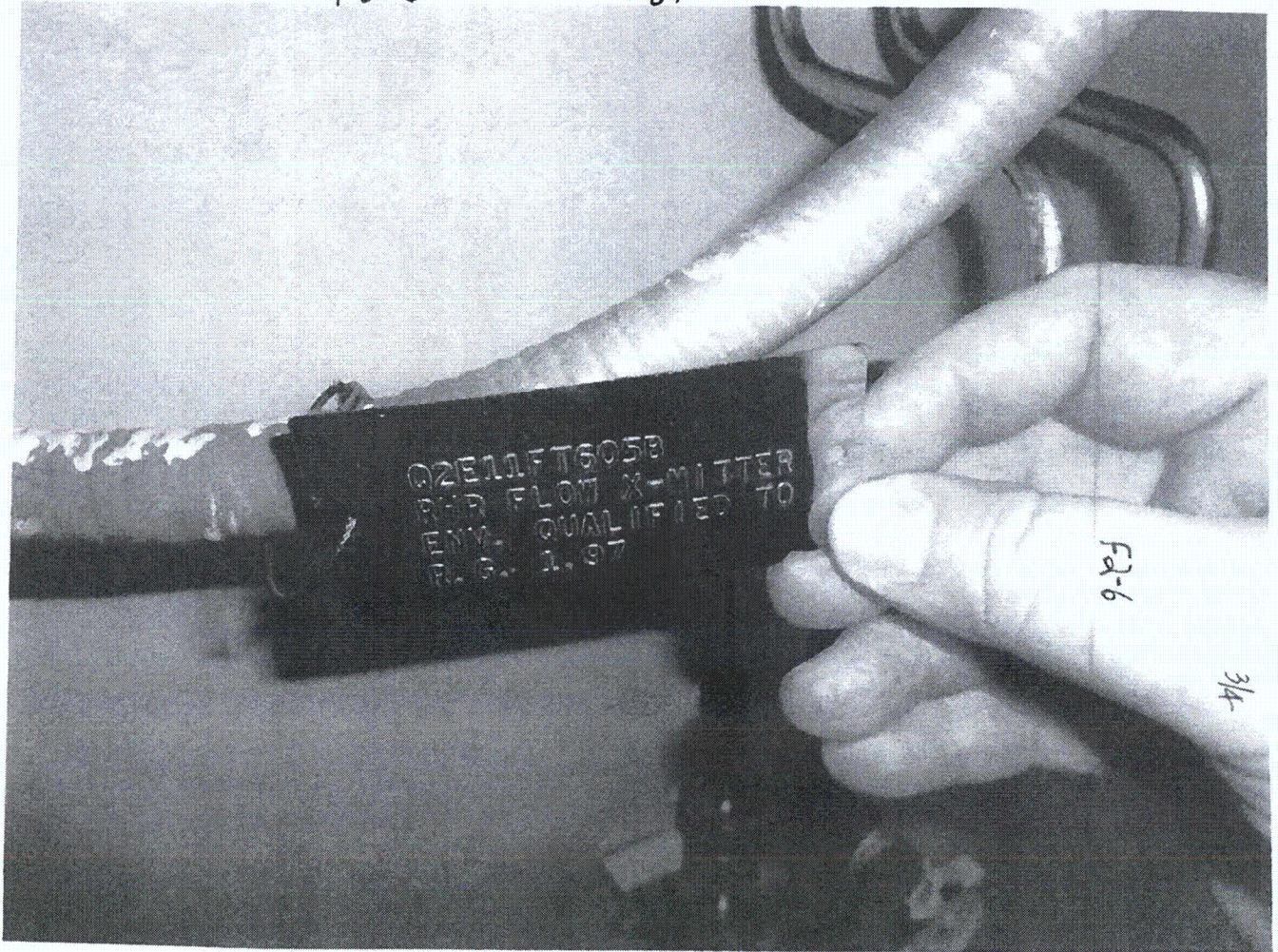
Comments (Additional pages may be added as necessary)

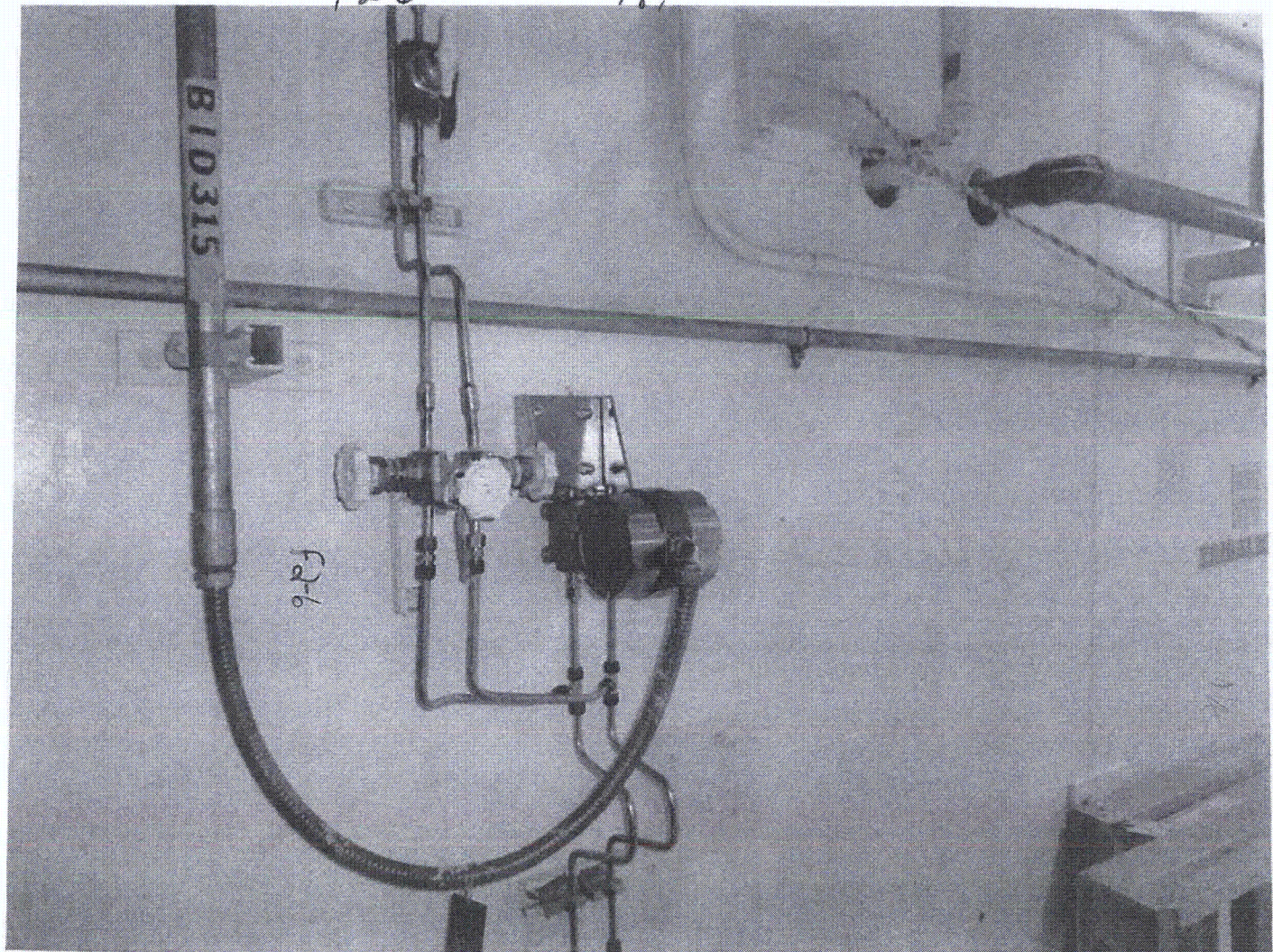
This package was originally signed on 8-22-12 but retyped for clarity on 10-15-12.

Evaluated by: Paul Miklus *Paul Miklus* 10/15/12 Date: 8/22/12
Steven Yuan by Telecon *Steven Yuan* 10/15/12 8/22/12

F2-6

3084







F2-7

Sheet 1 of 5
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11H001B Equip. Class¹ 21

Equipment Description RHR HEAT EXCHANGER 2B

Location: Bldg. AUXILIARY Floor El. 83 Room, Area _____

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? Y N U N/A
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)
REF. SEWS dated 6/29/94 referring to SEWS for Q2H11H001A
- 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

F2-7

Sheet 2 of 3

5

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11H001B Equip. Class' 21

Equipment Description RHR HEAT EXCHANGER 2B

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)

Evaluated by:

Paul Miktos
PAUL MIKTOS

Date:

8-22-12

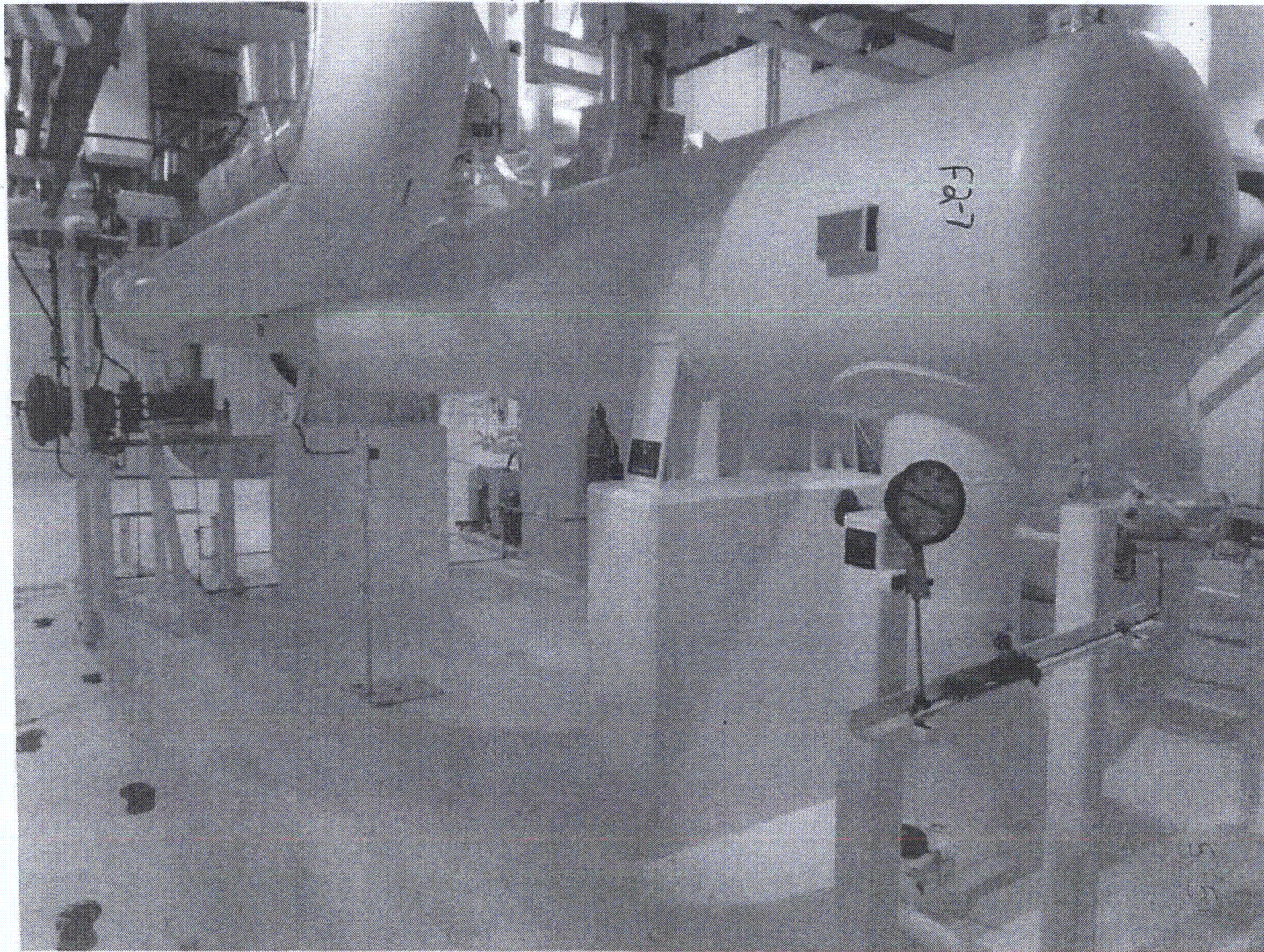
STEPHEN YVAN

Stephen Yvan

8-22-12







F2-8

Sheet 1 of 3
 Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11LQ3594A Equip. Class¹ 18
 Equipment Description CTMT SUMP LEVEL TRANSMITTER POWER SUPPLY
 Location: Bldg. AUXILIARY Floor El. 139 Room, Area 2318
 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? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)
6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Y N U

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

F2-8

Sheet 2 of 3

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11LQ3594A Equip. Class: 18

Equipment Description CTMT SUMP LEVEL TRANSMITTER POWER SUPPLY

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

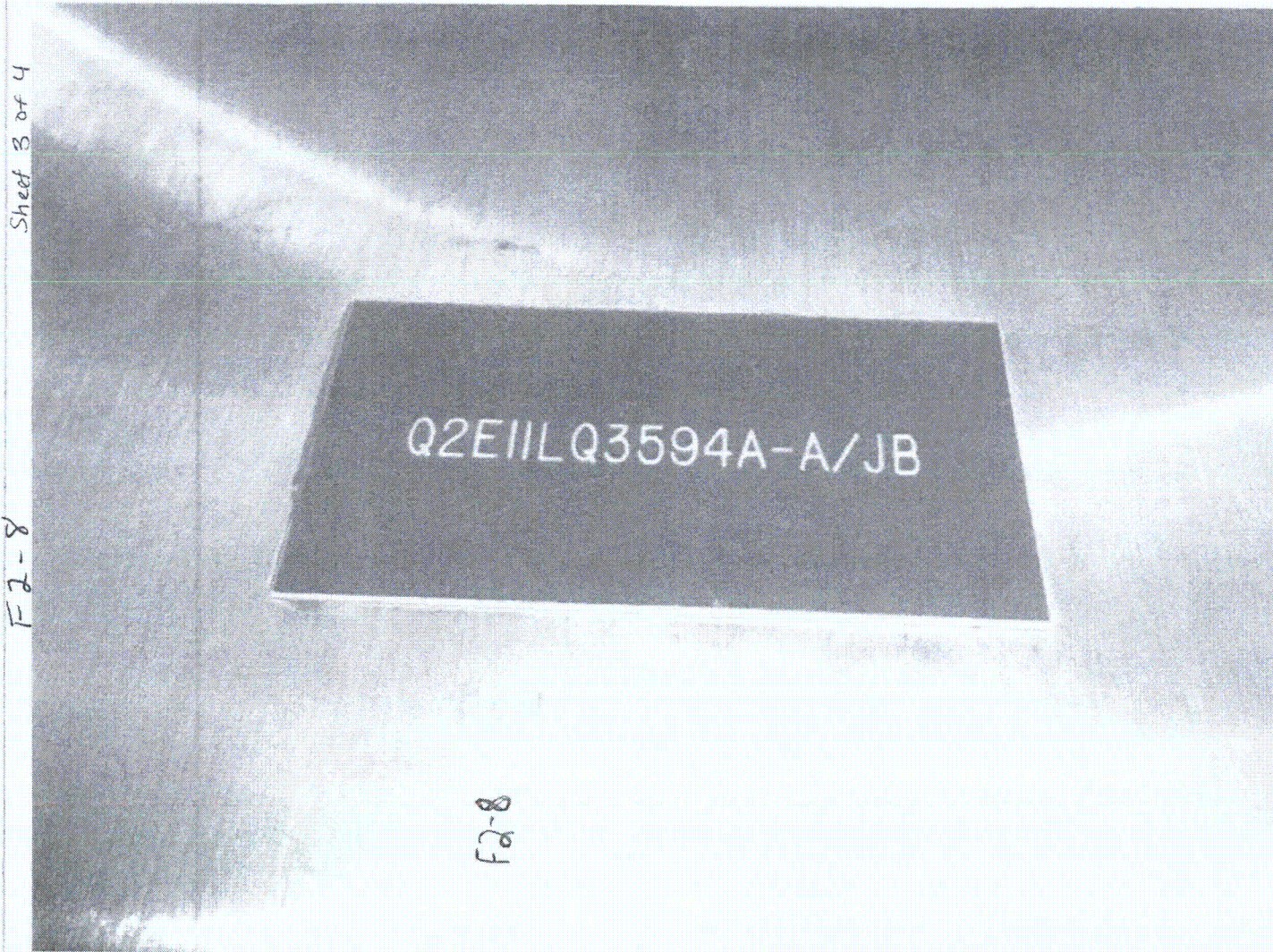
Other Adverse Conditions

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)

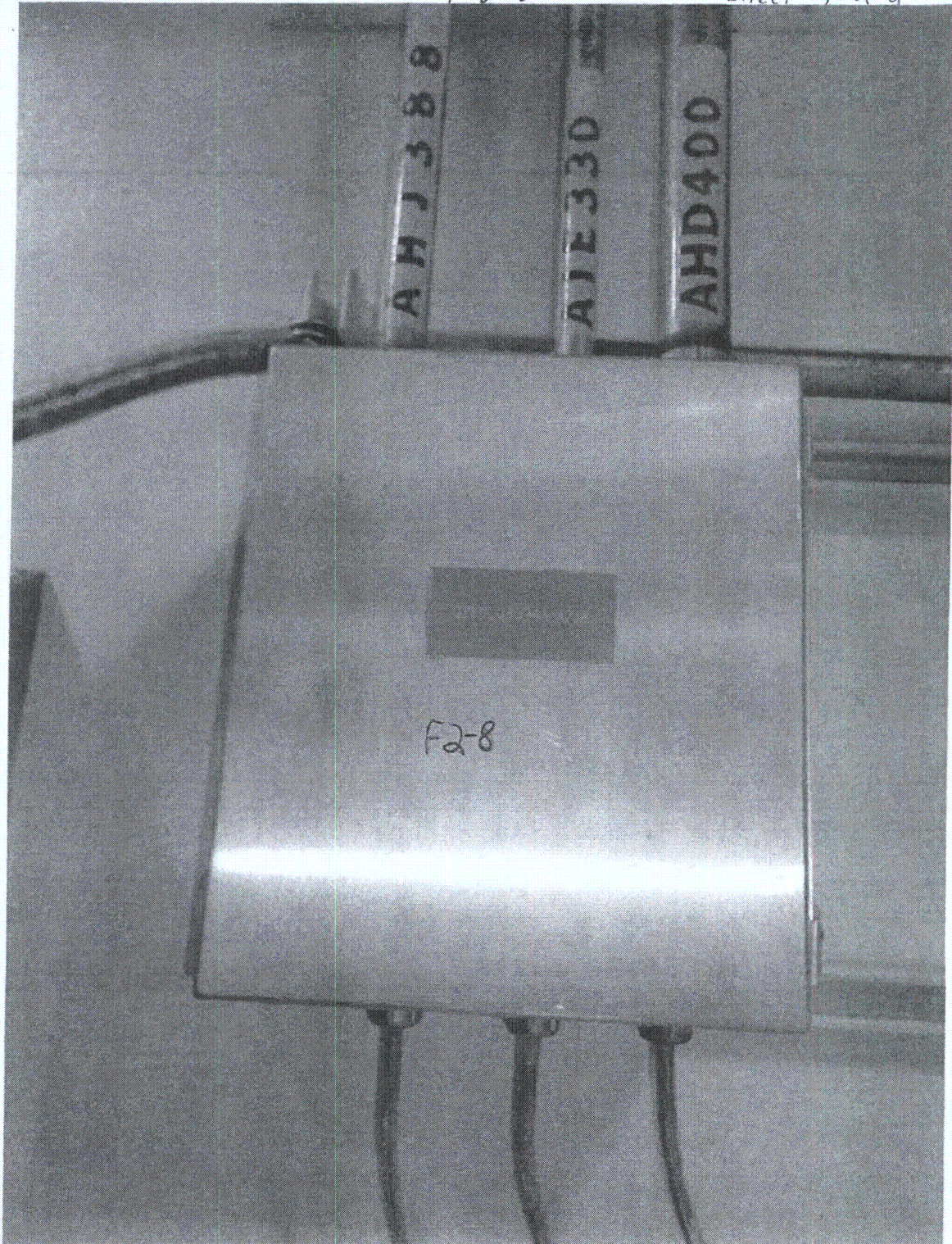
See component Q2 H2 21001D for AWC.

Evaluated by: [Signature] Maggie Farah Date: 8/28/12
[Signature] Ren Miranda 8/28/12



F2-8

Sheet 4 of 4



F2-11

Sheet 1 of 4

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11MOV8706B Equip. Class: 8

Equipment Description RHR LOOP NO. 2 DISCHARGE TO CVCS

Location: Bldg. AUXILIARY Floor El. 83 Room, Area _____

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

in line

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? Y N U N/A
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

F2-11

Sheet 2 of 4
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11MOV8706B Equip. Class: 8

Equipment Description RHR LOOP NO. 2 DISCHARGE TO CVCS

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

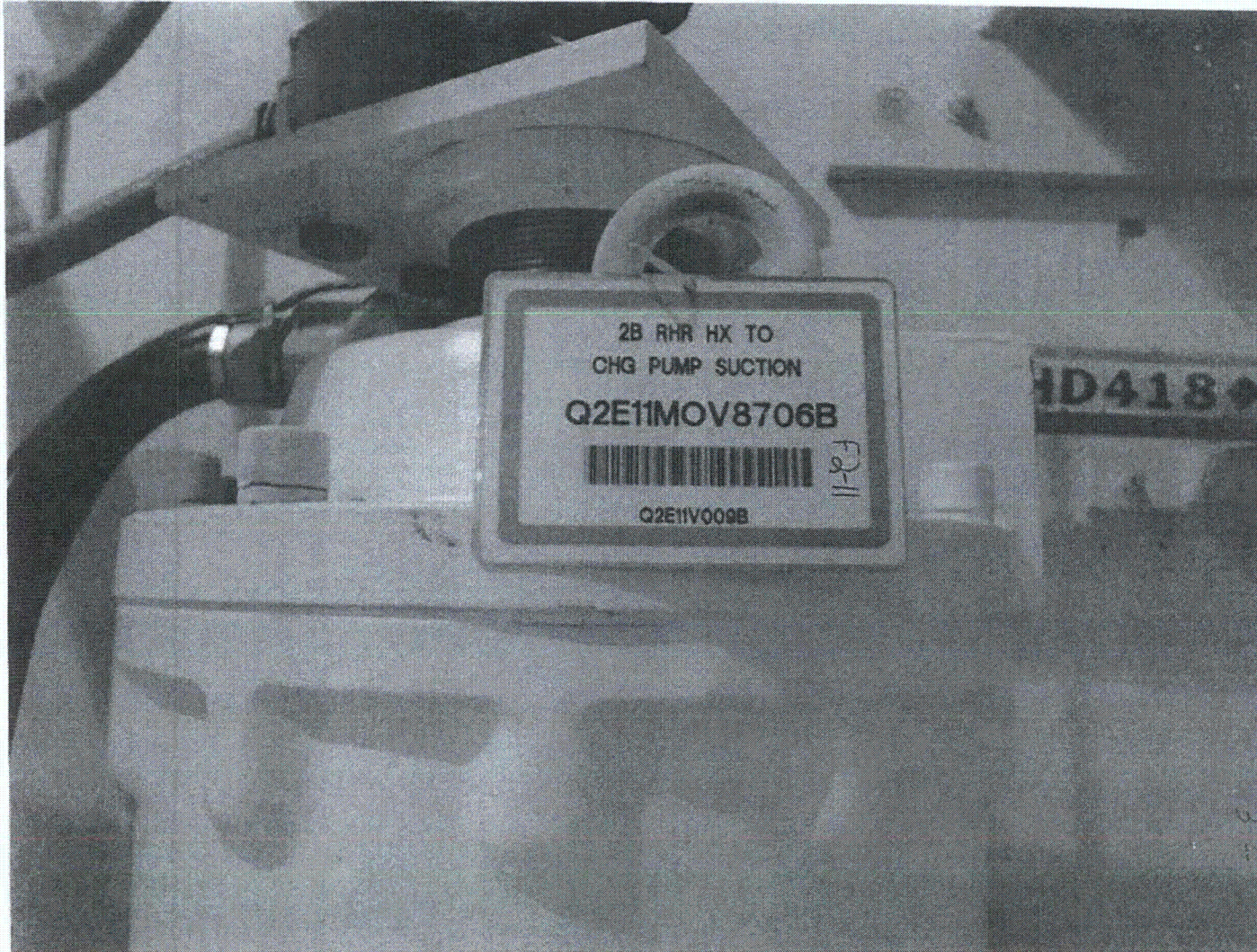
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

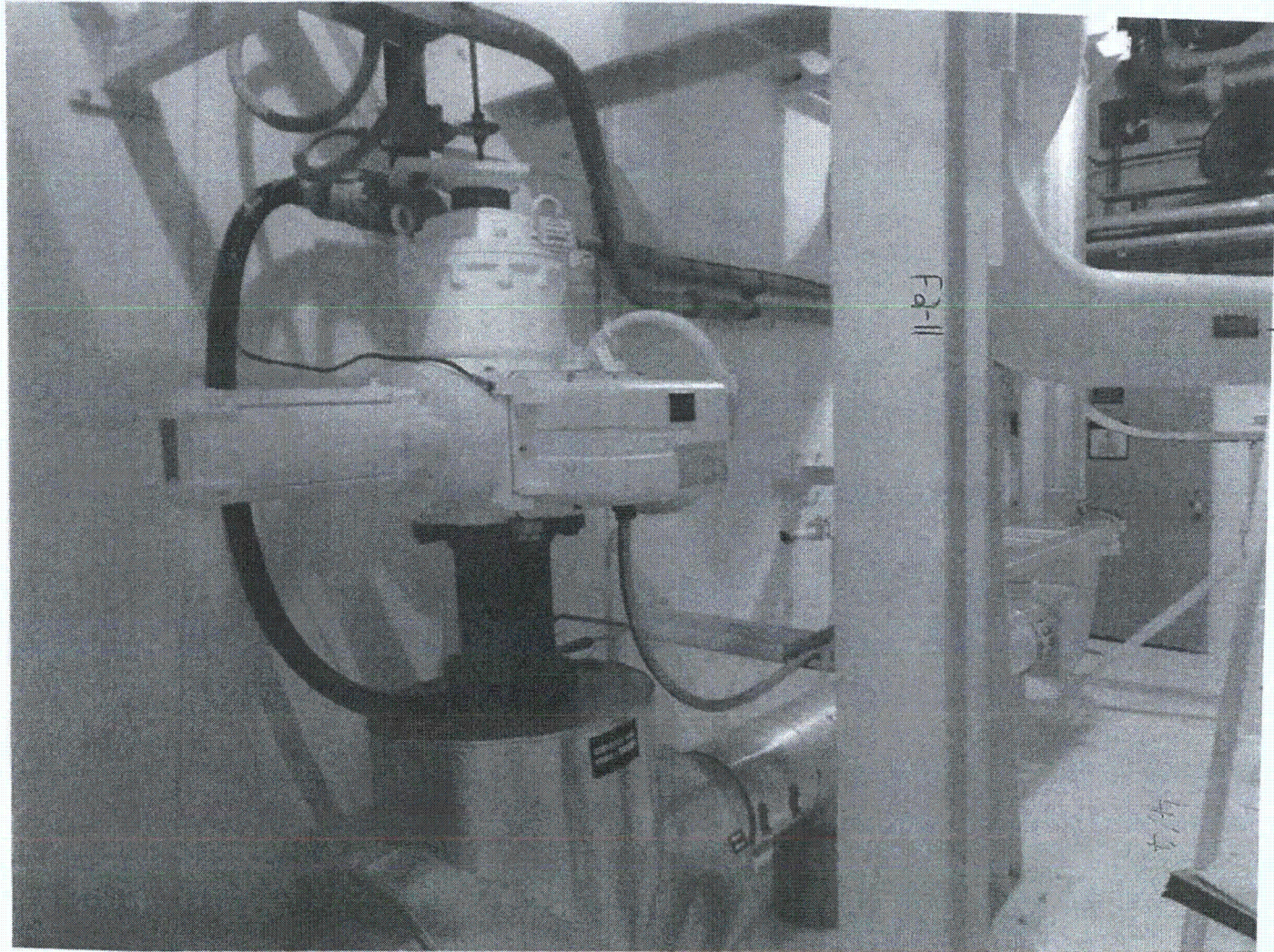
Comments (Additional pages may be added as necessary)

NONE

Evaluated by: Paul Mikrus Date: 8-22-12

STEPHEN YUAN [Signature] 8-22-12





F2-12

Sheet 1 of 3² John 2/20/12
 Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11MOV8809B Equip. Class¹ 8

Equipment Description RWST TO RHR PUMP 2B SUCTION

Location: Bldg. AUXILIARY Floor El. 77 Room, Area _____

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
 IN LINE

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? Y N U N/A
 (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

F2-12

Sheet 2 of 2
Status: Y N U JAN 5/22/12

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11MOV8809B Equip. Class: 8

Equipment Description RWST TO RHR PUMP 2B SUCTION

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)

NONE

Evaluated by: Paul Miktos Date: 8-22-12

STEPHEN YVAN [Signature] 8-22-12

F2-14

F2-14

Sheet 1 of 34 RW

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11MOV8812B Equip. Class¹ 8

Equipment Description CTMT SUMP TO RHR PUMP 2B ISOLATION

Location: Bldg: AUXILIARY Floor El. 77 Room, Area 2129

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

IN-LINE COMPONENT

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

IN-LINE COMPONENT

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

F2-14

Sheet 2 of 3

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11MOV8812B Equip. Class 8

Equipment Description CTMT-SUMP TO RHR PUMP 2B ISOLATION

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

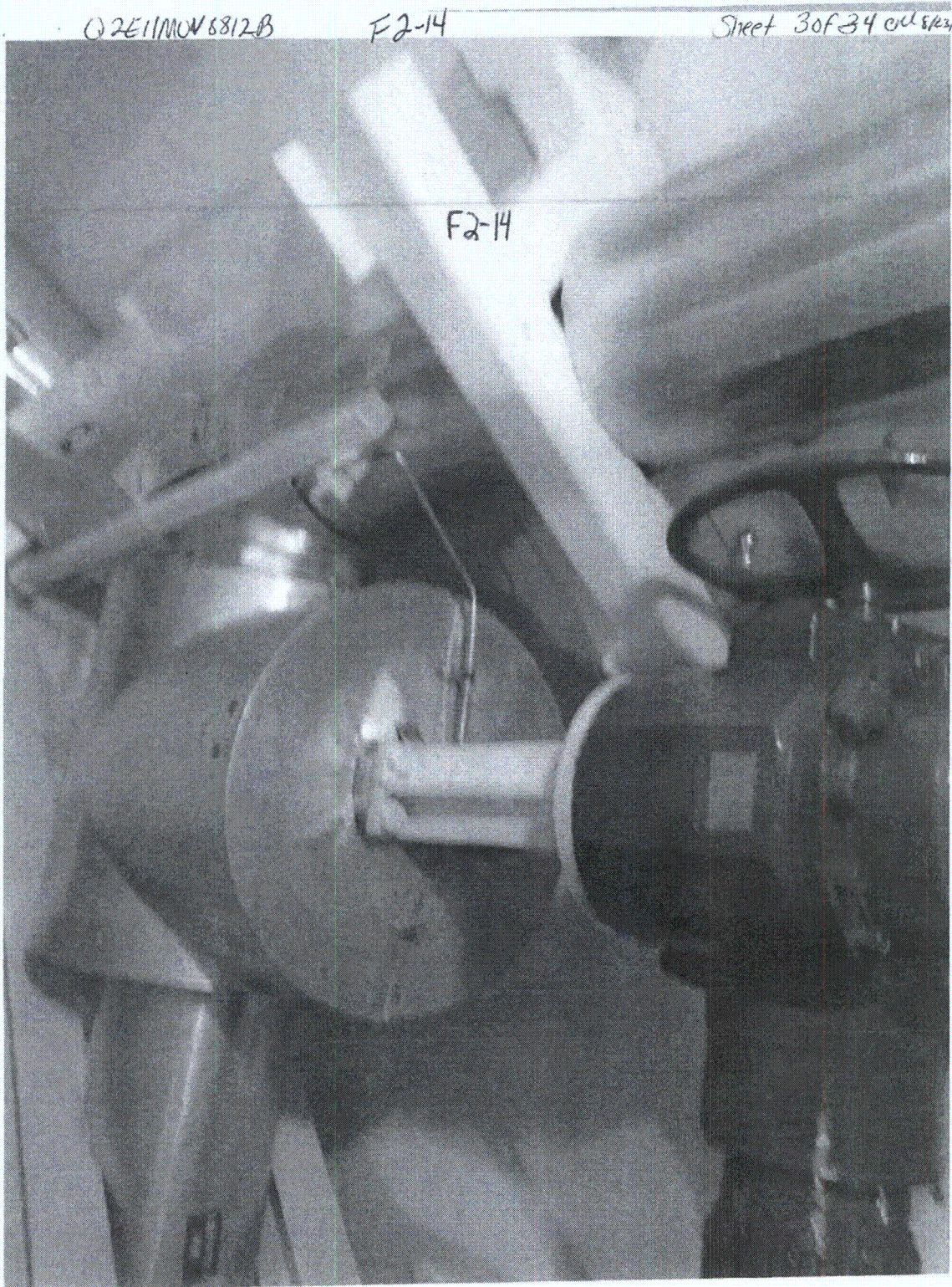
Other Adverse Conditions

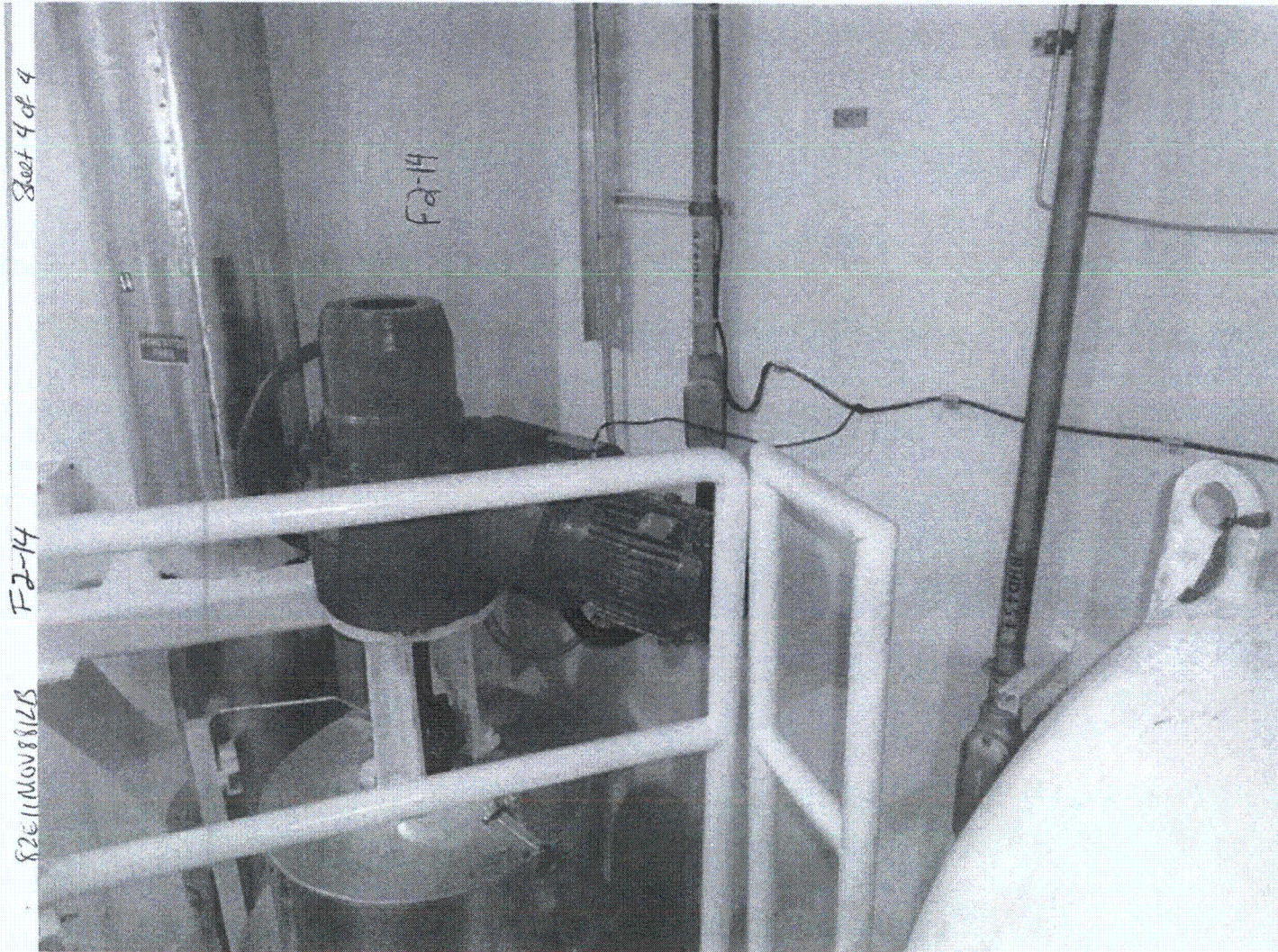
11. Have you looked for and found no other seismic conditions that could adversely affect the safety functions of the equipment? Y N U

Comments (Additional pages may be added as necessary)

NONE

Evaluated by: Scott Warden Scott Warden Date: 8.23.2012
Crystal Lovelady [Signature] 8/23/2012





F2-15

Sheet 1 of 3
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11MOV8888B Equip. Class¹ 8

Equipment Description LHSI TO RCS COLD LEG

Location: Bldg. AUXILIARY Floor El. 121 Room, Area 2223

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 U *rm*

2. Is the anchorage free of bent, broken, missing or loose hardware? Y N U N/A
in-line component, no anchorage

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
in-line component, no anchorage

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
in-line component, no anchorage

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
Base on the above, the component is free of adverse seismic conditions.

¹Enter the equipment class name from Appendix B: Classes of Equipment.

F2-15

Sheet 2 of 3
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11MOV8888B Equip. Class: 8

Equipment Description LHSI TO RCS COLD LEG

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

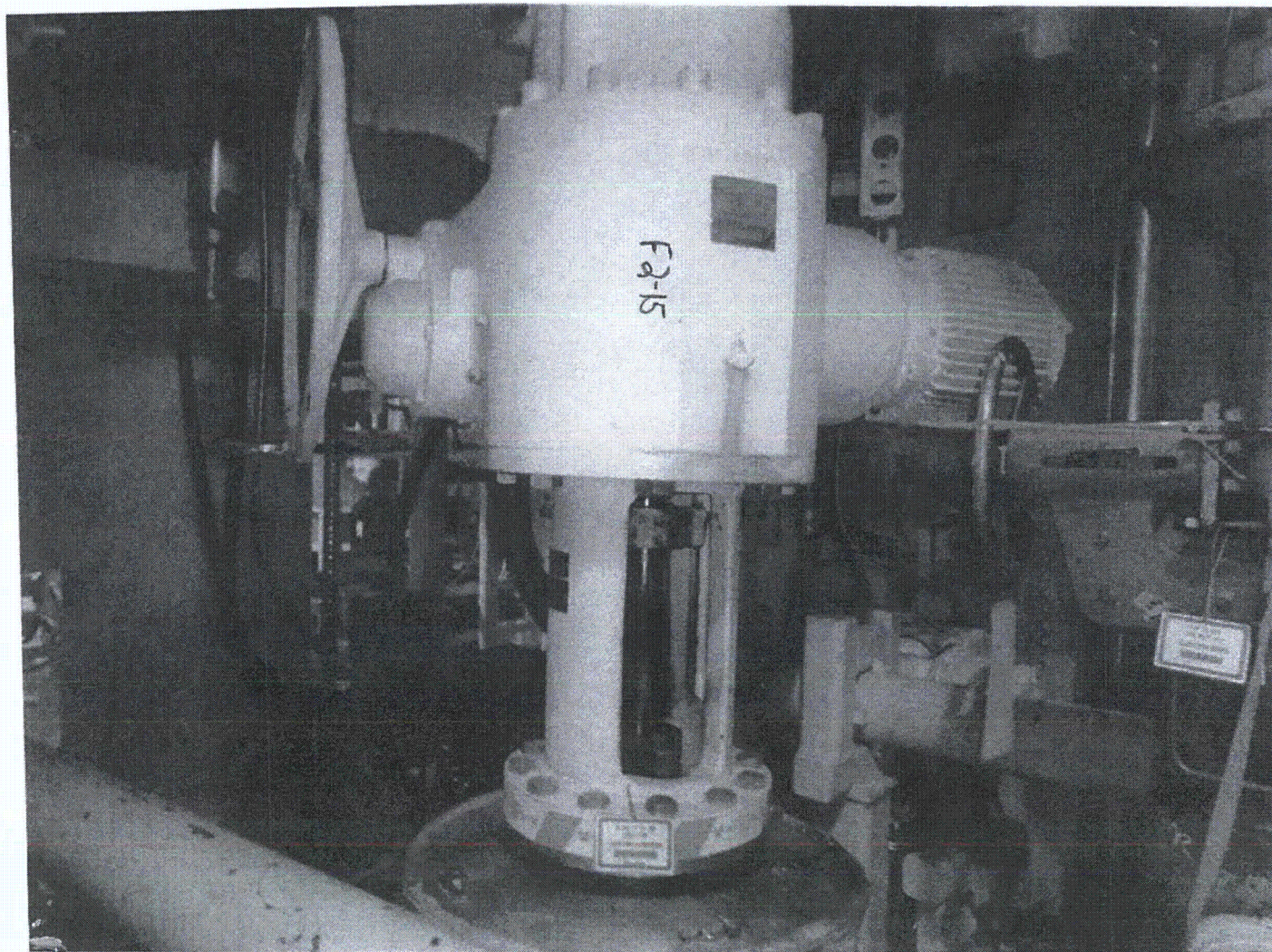
Other Adverse Conditions

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)

Evaluated by:

[Signature] Maggie Farah Date: 8/23/12
[Signature] Ron Miranda 8/23/12



F2-16

Sheet 1 of 8

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11P001B Equip. Class¹ 6

Equipment Description BHR PUMP 2B

Location: Bldg. AUXILIARY Floor El. 83 Room, Area 2129

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? Y N U N/A
(Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)

Anchorage configuration is shown on drawings D 206723 Ver. 10, D 206725 Ver. 9, & D 206593 Ver. 12. The information shown on

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

↑ the drawings is NOT consistent with anchorage in the field. CR 506365 was written to document this finding.

¹Enter the equipment class name from Appendix B: Classes of Equipment.

F2-16.1

F246

Sheet 2 of 8 ^{5 PW}
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E11P001B Equip. Class 6

Equipment Description BHR PUMP 2B

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

~ 1" flex conduit is touching motor. Any seismic impact would not be significant. Therefore, there is no potential adverse seismic interaction condition.

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

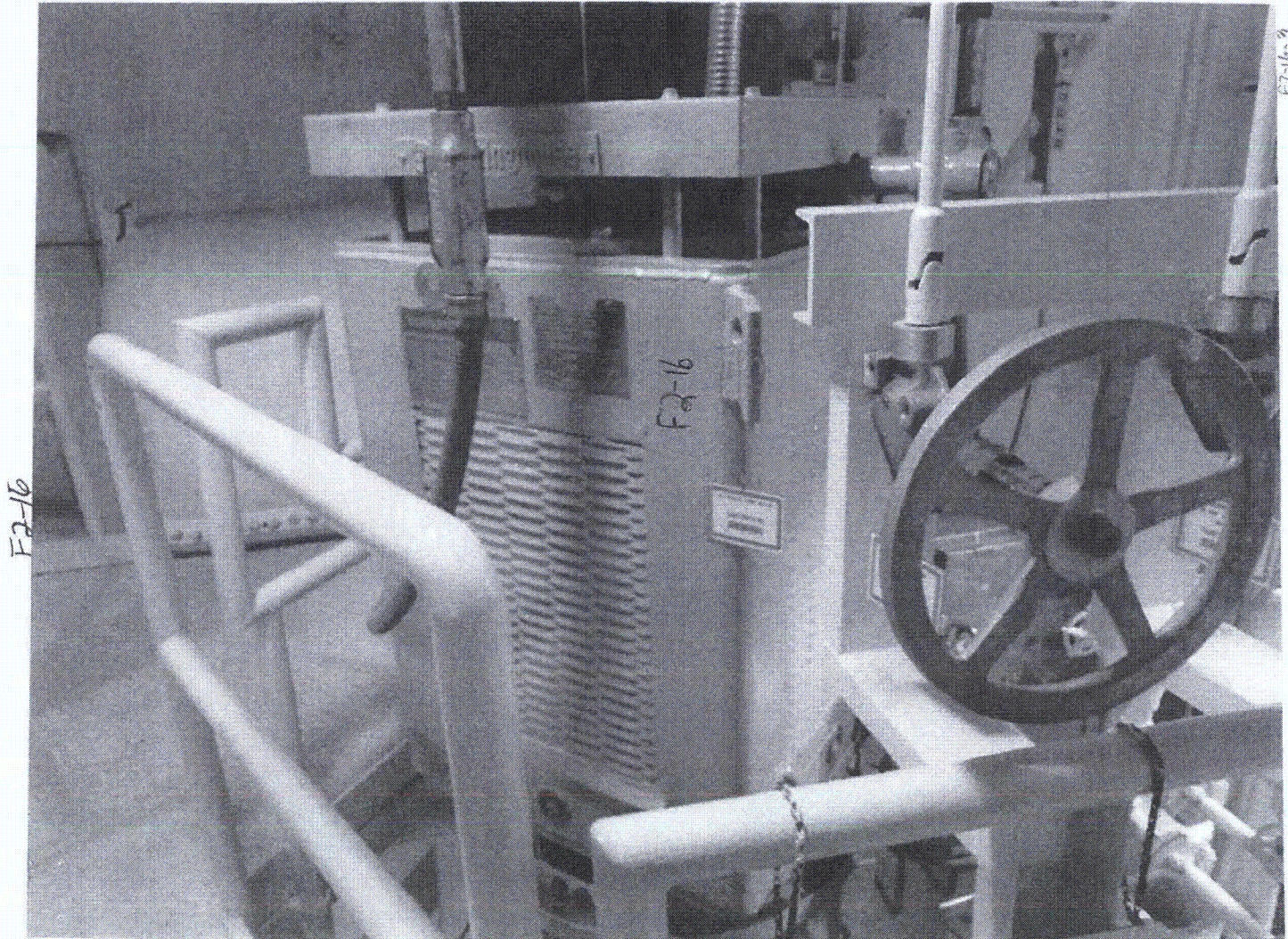
Comments (Additional pages may be added as necessary)

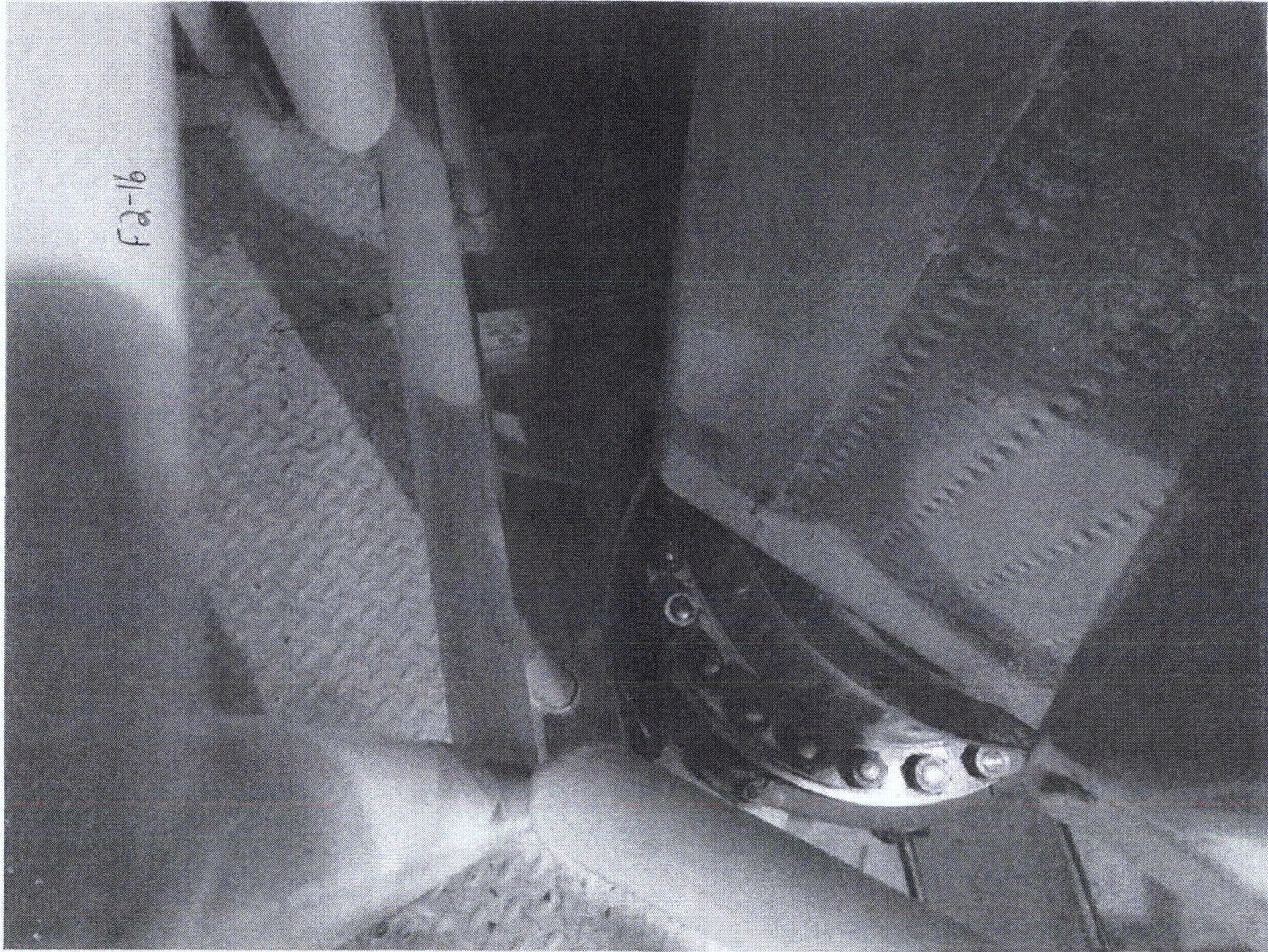
NO ADDITIONAL COMMENTS

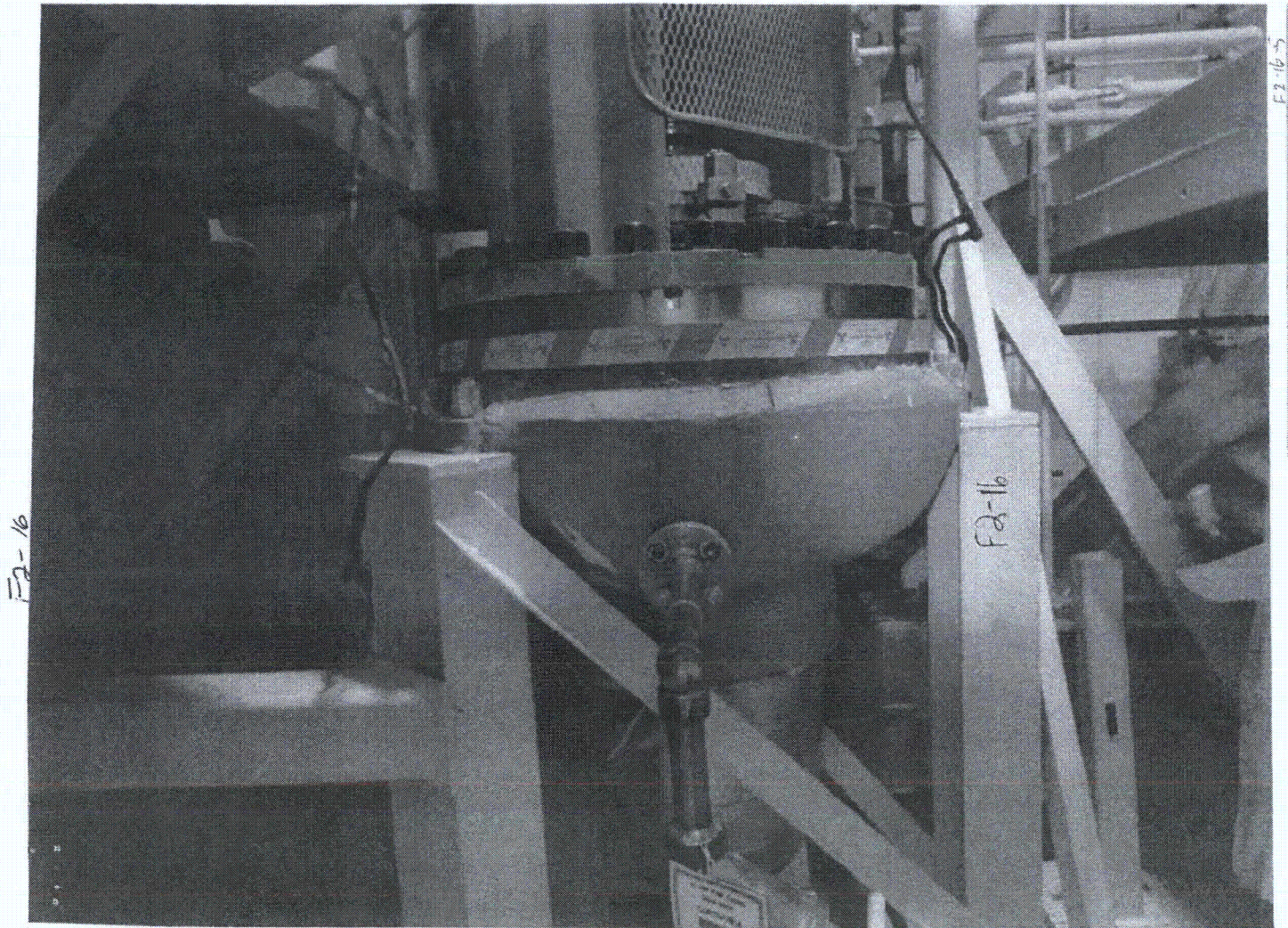
Evaluated by: SCOTT WALDEN *Scott Walden* Date: 8.23.2012

Crystal Lovelady *CL* 9/23/2012

F246







Sheet 1 of *A2* *from also for*
 Status: Y N U

f2-17

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E13PT0953, Pkg F2-17 Equip. Class¹ 18

Equipment Description CTMT PRESSURE PROTECTION TRANSMITTER

Location: Bldg. AUXILIARY Floor El. 121 Room, Area 2223

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
The answer to question #2 is yes. This question was further discussed with Taylor Youngblood on 9-13-12 and the team was confident that the transmitter was free of bent, broken, missing hardware.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
Yes. There is no evidence of corrosion on the transmitter supports.

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
There were no cracks in the concrete near the support of the transmitter.

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

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

F2-17

Sheet 2 of 2 *Paul 8/23/12*

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E13PT0953, Pkg F2-17 Equip. Class: 18

Equipment Description CTMT PRESSURE PROTECTION TRANSMITTER

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)

See component Q2E11MOV8888B.
This package was originally signed on 8-23-12 and revisited between the team and Taylor Youngblood on 9-13-12. Subsequently, it was retyped for clarity on 10-15-12.

Evaluated by:

Paul D. Mitchell for
Maggie Farah *by Tel-Con 10/15/12*

Paul D. Mitchell for Mr. Farah
Date: 8/23/12
by Tel-Con 8/23/12

Paul D. Mitchell for
Ron Miranda *by Tel-Con 10/15/12*

Paul D. Mitchell for R. MIRANDA
by Tel-Con 8/23/12

F2-18

Sheet 1 of 4

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E16H001C, Pkg F2-18 Equip. Class¹ 10

Equipment Description CHG/HHSI PUMP ROOM COOLER 2C

Location: Bldg. AUXILIARY Floor El. 100 Room, Area 2173

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
The answer to question #2 is yes. This question was further discussed with Taylor Youngblood on 9-13-12 and the team was confident that the transmitter was free of bent, broken, missing hardware.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Y N U N/A
Yes. There is no evidence of corrosion on the transmitter supports.

4. Is the anchorage free of visible cracks in the concrete near the anchors? Y N U N/A
There were no cracks in the concrete near the support of the transmitter.

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

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

¹ Enter the equipment class name from Appendix B: Classes of Equipment.

Sheet 2 of 4

Status: Y N U

F2-18

Seismic Walkdown Checklist (SWC)

Equipment ID No. Q2E16H001C, Pkg Equip. Class: 10
F2-18

Equipment Description CHG/HHSI PUMP ROOM COOLER 2C

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

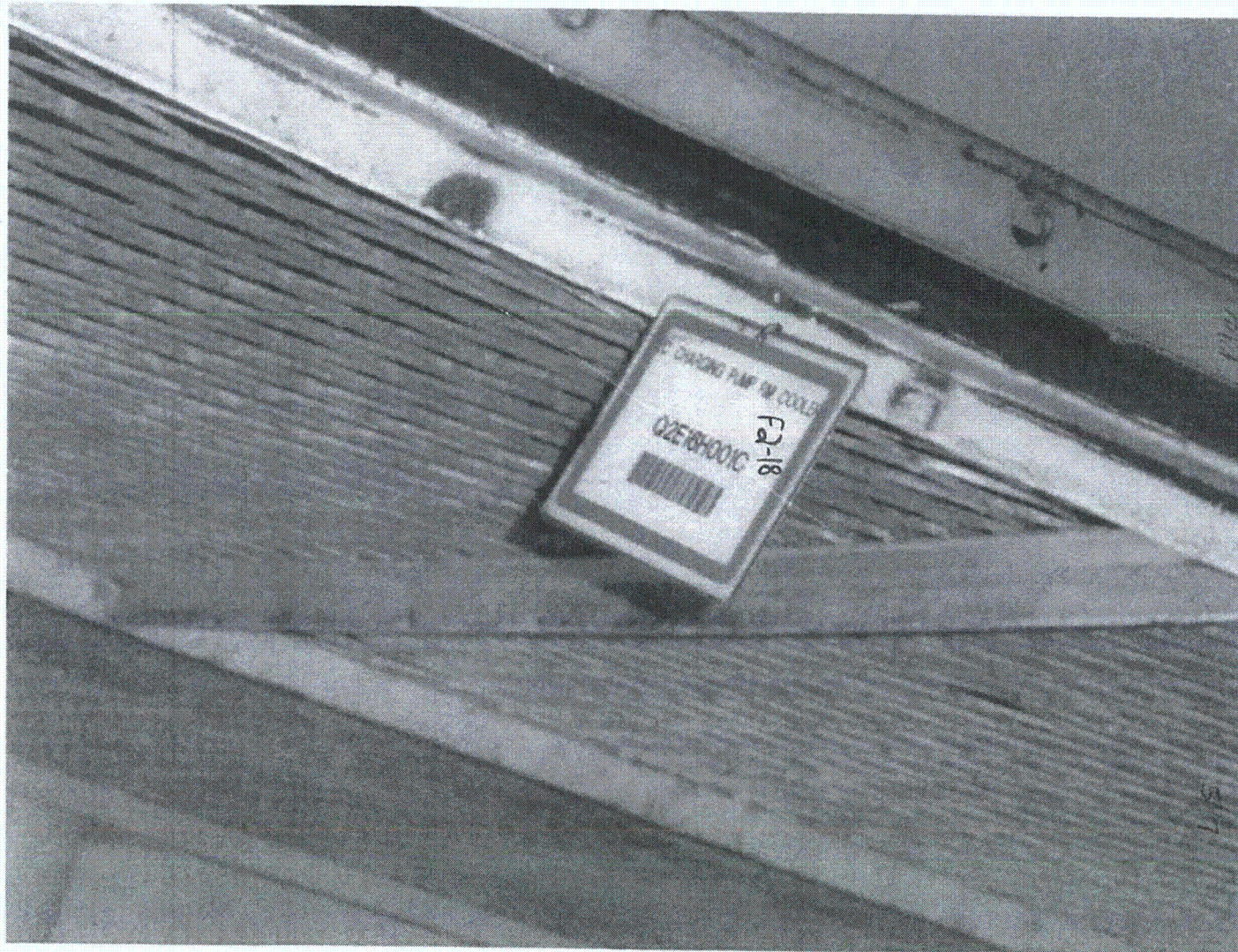
Comments (Additional pages may be added as necessary)

(Initially) unable to access the equipment for adequate review without fall protection. This package was originally signed on 8-22-12 and revisited by the team on 9-13-12. Subsequently, it was retyped for clarity on 10-15-12.

PACKAGE WAS REVISITED ON 9-13-12 & ACCESSED WITHOUT THE NEED FOR FALL PROTECTION

Evaluated by: Terry A. Mullenix Jerry Alan [Signature] 10/16/2012 Date: 8/22/12

Laura MacLay [Signature] 10/15/12 8/22/12





F2-18

4/7

F2-18

BHF283

