

NRC Fermi Mod/50.59 Review - Initial Selection Scope

Evaluations

MSH

08-0235 HYDROGEN WATER CHEMISTRY FLOW IMPROVEMENT (EDP-35866)

MM

08-0041 INSTALL UNDER FREQUENCY TRIP RELAYING ON MAIN TURBINE GENERATOR (EDP-34102)

NFO

08-0279 INSTALL MECHANICAL CLAMPS TO SECURE ZERO DEGREE ACCESS HOLE COVER (EDP-35798)

Modifications

MSH

EDP -35866, HYDROGEN WATER CHEMISTRY FLOW IMPROVEMENT
EDP- 33934, PROVIDE BACK UP NITROGEN BOTTLES TO DIVISION II SRVS
EDP- 34672, REMOVAL OF CHECK VALVE R3000F095D ON EDG 04
EDP- 32788, DIESEL GENERATOR WATER FLOW SENSING LINE
EDP- 35365, INSTALLATION OF PLUG IN SRV B2104F013M DISCHARGE PIPE TO REPAIR A SMALL HOLE

MM

EDP-34102, INSTALL UNDER FREQUENCY TRIP RELAYING ON MAIN TURBINE GENERATOR
EDP -35241, MODIFY EDGS TO REDUCE GOVERNOR TEMPERATURE
EDP- 34482, REPLACE CPTS FOR DESIGN PUMP STARTERS FOR EDG 11 AND 12
EDP- 35953, SETPOINT CHANGE FOR 4160V BUS LOW VOLTAGE ARLARM SENSOR ASSEMBLY DIV 2
EDP- 34544, MCC STARTER CONTROL POWER TRANSFORMER REPLACEMENT FOR MOV E2150F004A

NFO

EDP-35798, INSTALL MECHANICAL CLAMPS TO SECURE ZERO DEGREE ACCESS HOLE COVER
EDP- 33372. ISOLATION OF MAIN STEAM ISOLATION VALVE LEAKAGE CONTROL SYSTEM
EDP- 35267, PLUG ISOLATED & DISABLED DIV 1 MAIN STEAM ISOLATION VALVE LEAKAGE CONTROL SYSTEM
EDP- 33703, EECW PUMP AND MOTOR REPLACEMENT
EDP- 33410, MAXIMUM ACCEPTABLE STROKE TIME FOR E4150F003

50.59 Screenings

MSH

SCRN 09-0055 REACTOR COOLANT NATURAL CIRCULATION & DECAY HEAT REMOVAL

SCRN 09-0006 RELOCATE VENT LINE ON DIVISION 1 CORE SPRAY INJECTION LINE

SCRN 08-0254 GE RPV PRESSURE/TEMPERATURE CURVE REPORT POSTING

SCRN 08-0249 PHASE 2 OF PARTIAL IMPLEMENTATION OF EDP-35866

SCRN 08-0235 EDP-35866 HYDROGEN WATER CHEMISTRY (HWC) FLOW IMPROVEMENT

SCRN 08-0176 EQUIVALENT REPLACEMENT PROCESS

SCRN 08-0161 UFSAR SECTION 8 CHANGES FOR CARD 08-21017 AND 08-20986

SCRN 08-0090 PRIMARY CONTAINMENT VENTING AND PURGE FOR HYDROGEN AND OXYGEN CONTROL

SCRN 08-0065 PRIMARY CONTAINMENT VENTING

SCRN 07-0249 INSTALLATION OF PLUG IN SRV (B2104F013M) DISCHARGE PIPE TO REPAIR A SMALL HOLE

SCRN 07-0241 REPLACE RPV HEAD VENT LINE VLVS B2100F001 & 002 & CHANGE ADJECENT PIPING MATER FROM STAIN STEEL

SCRN 07-0206 UPDATE OF THE UFSAR TO REFLECT THE CYCLE 13 RELOAD DESIGN

MM

SCRN 08-0259 EMERGENCY DIESEL GENERATOR SYSTEM

SCRN 08-0251 ELECTRIC GOVERNOR TROUBLE

SCRN 08-0241 DIV 2 BUS VOLTAGE LOW

SCRN 08-0238 INCREASING DIV II BUS LOW VOLTAGE ALARM 10D43 SETPOINT AT SENSOR ASSEMBLY R14R900 (CARD 08-27073)

SCRN 08-0223 EMERGENCY DIESEL GENERATOR SYSTEM

SCRN 08-0215 UNDERVOLTAGE RELAY SETPOINTS

SCRN 08-0169 EDP 35621 DEGRADED VOLTAGE IMPROVEMENTS THIS EDP RESOLVES CONCERNS IDENTIFIED IN NRC BACK FIT ORDER

SCRN 08-0073 UNDERVOLTAGE RELAY SETPOINTS

SCRN 07-0328 DC CONTROL CABLE VOLTAGE DROP CALCULATION FOR QA1 DIVISION II

SCRN 07-0283 AC CONTROL CABLE VOLTAGE DROP CALCULATION FOR QA1 DIVISION 1

SCRN 07-0283 120V AC INSTRUMENT & CONTROL POWER SYSTEM

SCRN 07-0225 MCC STARTER CONTRL CIRCUIT CHNGES FOR MOV'S E1150F015A, E1150F017A, E1150F017B

SCRN 07-0052 REVISE EDG LOADING CALCULATION

50.59 Screenings (Continued)

NFO

SCRN- 09-0042 – PLANT SHUTDOWN FROM 25% POWER
SCRN- 09-0031 - POWER OPERATION 25% TO 100% TO 25%
SCRN- 09-0017 - DGSW MINIMUM FLOW REQUIREMENTS
SCRN- 09-0010 - DESIGN BASIS SYSTEM PARAMETERS FOR AIR OPERATED VALVES (AOV) T4600F406 AND T4600F410
SCRN 08-0279 - INSTALL MECHANICAL CLAMPS TO SECURE ZERO DEGREE ACCESS HOLE COVER (B1113D093) WITH ACTIVE INDICA.
SCRN 08-0229 CORE SPRAY SYSTEM
SCRN 08-0190 BLACKSTART RCIC
SCRN 08-0098 DIV I EECW HX OUTLET TEMPERATURE HIGH/LOW
SCRN 08-0089 DEFEAT OF LEVEL 8 ISOLATION
SCRN 07-0330 RHR PUMP SEAL COOLER PERFORMANCE
SCRN 07-0272 REVISE HPCI DESIGN HEAD/FLOW REQUIREMENT AND IST CRITERIA BASIS
SCRN 07-0182 HIGH RPV WATER LEVEL

Applicability Determinations

MSH

UFS 06-033 UFSAR REV 14 UPDATE ASSOCIATED WITH EDP 30251
Procedure 65.000.610, Rev 12 - RESIDUAL HEAT REMOVAL SERVICE WATER (RHRSW) DIV 1 RADIATION MONITOR RAD CALIBRATION & FUNC TEST
Procedure 29.EDM.10 Rev 01 RPV VENTING THROUGH THE MAIN TURBINE BYPASS VALVES
Procedure 29.EDM.06 Rev 01 EDM.06 - PRIMARY CONTAINMENT VENTING & PURGE FOR HYDROGEN AND OXYGEN CONTROL
Procedure 24.000.01 Rev 62 MSIV/ADS SRV ACCUMULATOR CHECK VALVE TEST
Procedure 20.000.01, Rev 36 LOSS OF FEEDWATER HEATING

MM

UFS 07-078 UFSAR REV 15 UPDATE ASSOCIATED WITH EDP 35305
Procedure 44.030.061 Rev 32 ECCS-ADS TIMER CALIBRATION TRIP SYSTEM A
Procedure 24.307.15 Rev 51 SIMULTANEOUS ECCS START OF FOUR EMERGENCY DIESEL GENERATORS
Procedure 24.307.30 Rev 36 EMERGENCY DIESEL GENERATOR 13-FAST START FOLLOWED BY LOAD REJECT
Procedure 20.000.01 Rev 35 TURBINE/GENERATOR TRIP
Procedure MWC15, Rev 5 HIGH RPV WATER LEVEL

Applicability Determinations (continued)

NFO

UFS 07-070 UFSAR REV 15 UPDATE ASSOCIATED WITH EDP 35267
Procedure SEP-SE1-15, Rev 18 SITE ACCEPTANCE TEST OF EDP-32559
CHANGES MADE TO THE REACTOR RECIRCULATION
SPEED CONTROL SYS LOGIC
Procedure 29.EDM.01 Rev 01 SRV LOCAL OPERATION
Procedure 28.508.03 Rev 12 - USE OF ALTERNATE WATER SOURCES FOR
CORE COOLING
Procedure 24.000.03 Rev 66 HPCI TIME RESPONSE & PUMP OPERABILITY
TEST AT 1025 PSI

Corrective Actions

MSH

CA 09-21445 DIFFERING OPINIONS ON CODE APPLICABILITY FOR
ACCESS HOLE COVER (AHC) MODIFICATION
CA 08-26527 ISSUES WITH EDP-35509
CA 08-26485 ISSUES WITH EDP-32559
CA 08-24598 APPLICABILITY DETERMINATION FOR PLANT CHANGE DID
NOT ADEQUATELY DOCUMENT REVIEWS
CA 08-20986 UFSAR FIGURE 08.2-05 WAS NOT REVISED PER LCR 07-077-
UFS.
CA 06-25031 DESIGN MODIFICATION PROCESS IS CUMBERSOME
CA 08-27876 50.59 SCREEN NOT COMPLETED FOR EDP-34560

MM

CA 08-26994 TIME DELAY RELAY NOT PROPERLY EVALUATED IN
EQUIVALENCY REPLACEMENT EVALUATION (ERE)
CA 07-26458 THERMAL OVERLOADS HEATERS FAIL TO MEET REVISED
SIZING CRITERIA
CA 06-25051 INVERTER FAILURE TO INITIALIZE

NFO

CA 09-21695 C RHR SEAL COOLER EECW FLOW BELOW DESIGN LIMIT
CA 09-21008 EDG SERVICE WATER: INADEQUATE MINIMUM FLOW VALVE
DESIGN AND CALIBRATION REQUIREMENTS
CA 08-25585 C RHR SEAL COOLER EECW FLOW WAS BELOW DESIGN
LIMIT
CA 07-27237 E5150F013, RCIC PUMP SPLY TO FEEDWATER HEADER ISO
VLV WON'T STROKE FROM THE CONTROL ROOM

Equivalency Evaluations and Commercial Grade Dedications

MSH

TED 100090525 ELBOW
TED 100096110 BEARING

MM

TCRID 78828 EQUIVALENT REPLACEMENT OF UNINTERRUPTABLE
POWER SUPPLY (UPS)
TCRID 78376 EQUIVALENT REPLACEMENT OF TIME DELAY RELAY
TCRID 78243 EQUIVALENT REPLACEMENT OF A CONTROL RELAY
TDERE 33305 REPLACEMENT RHR SERVICE WATER PUMP MOTOR

NFO

TCRID 78162 EQUIVALENT REPLACEMENT OF CONTROL ROD DRIVE HCU
SCRAM ACCUMULATOR
TCTSR 36030 PERFORMANCE CRITERIA FOR DGSW MINIMUM FLOW
VALVES
TDERE 33914 EDG START AIR TUBING TO AIR START CHECK VALVE
REPLACEMENT

(MSH = Mel Holmberg, MM = Mohammad Munir, NFO = Nestor Feliz-Adorno)

Please provide copies of the above documents, and the associated/supporting documents such as those identified in the reference section of the requested document. If possible, please provide 3 electronic copies of these documents (e.g. CD or DVD discs) and if possible, please provide the information sorted as requested (e.g. by inspector).

As stated in our information letter dated February 26, 2009, the NRC will need copies of this information to be sent to the Region III Office (Suite 210, 2443 Warrenville RD, Lisle IL 60532 - c/o Mel Holmberg) no later than May 14, 2009 to support preparation for this NRC inspection.