



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

June 15, 2023

Fadi Diya, Senior Vice President
and Chief Nuclear Officer
Ameren Missouri
8315 County Road 459
Steedman, MO 65077

SUBJECT: CALLAWAY PLANT – COMPREHENSIVE ENGINEERING TEAM INSPECTION
(CETI) INSPECTION REPORT 05000483/2023011

Dear Fadi Diya:

On May 25, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Callaway Plant and discussed the results of this inspection with Brent Jungmann, Senior Director, Nuclear Engineering, and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

A handwritten signature in black ink that reads "Vincent Gaddy".

Signed by Gaddy, Vincent
on 06/15/23

Vincent G. Gaddy, Chief
Engineering Branch 1
Division of Operating Reactor Safety

Docket No. 05000483
License No. NPF-30

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

CALLAWAY PLANT – COMPREHENSIVE ENGINEERING TEAM INSPECTION (CETI)
INSPECTION REPORT 05000483/2023011- DATED JUNE 15, 2023

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DOCUMENT NAME: CALLAWAY PLANT – COMPREHENSIVE ENGINEERING TEAM
INSPECTION (CETI) INSPECTION REPORT 05000483/2023011
ADAMS ACCESSION NUMBER: **ML23158A092**

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DATE	06/07/23	06/07/23	06/07/23	06/15/23	

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Number: 05000483

License Number: NPF-30

Report Number: 05000483/2023011

Enterprise Identifier: I-2023-011-0006

Licensee: Ameren Missouri

Facility: Callaway Plant

Location: Steedman, MO

Inspection Dates: May 08, 2023 to May 25, 2023

Inspectors: J. Braisted, Senior Reactor Inspector
D. Bryen, Reactor Inspector
W. Cullum, Senior Reactor Inspector
C. Franklin, Reactor Inspector
N. Okonkwo, Reactor Inspector
D. Reinert, Senior Reactor Inspector
F. Thomas, Reactor Inspector
C. Young, Senior Reactor Analyst

Approved By: Vincent G. Gaddy, Chief
Engineering Branch 1
Division of Operating Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a comprehensive engineering team inspection (CETI) inspection at Callaway Plant, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2515, "Light-Water Reactor Inspection Program - Operations Phase." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

REACTOR SAFETY

71111.21M - Comprehensive Engineering Team Inspection

The inspectors evaluated the following components and listed applicable attributes, permanent modifications, 10 CFR 50.59 evaluations/screens, and operating experience samples:

Structures, Systems, and Components (SSCs) (IP section 03.01) (10 Samples)

- (1) CGD02A, Cooling Tower Electrical Room Supply Fan A
 - Compliance with the updated final safety analysis report (UFSAR), technical specifications (TS), and TS bases
 - Component modifications and associated evaluations
 - Design calculations including fan motor minimum voltage, control logic, and heat transfer capacity/heat balance
 - Visual inspection of fan, dampers, and instruments during walkdown
 - Vendor and design requirements
 - Applicable operating experience relevant to sample

- (2) EFHV0066, Essential Service Water Cooling Tower Train B Bypass Valve
 - Design basis documents
 - System level procedures
 - Visual inspection of component during walkdown
 - System calculations
 - Logic for valve operation
 - Corrective action program documents
 - Preventative maintenance tasks and procedures

- (3) NB0113, Feeder Breaker to NG01 Control Building Load Center
 - Compliance with the UFSAR, TS, and TS bases
 - Design calculations including voltage analysis and short circuit calculations
 - Visual inspection of equipment and surrounding area
 - Electrical drawings
 - Component maintenance history and corrective action program documents
 - Procedures for circuit breaker inspection, maintenance, and testing

- (4) NG01B, A Train 480 VAC Auxiliary Building Motor Control Center
- Compliance with the UFSAR, TS, and TS bases
 - Design calculations including voltage analysis and short circuit calculations
 - Visual inspection of equipment and surrounding area
 - Vendor and design requirements
 - Thermography procedure and results
- (5) NK01, 125 VDC Distribution Panel Class IE Group 1
- Compliance with UFSAR, TS, and TS bases and plant procedures
 - Visual inspection of charger and associated system during walkdown
 - Environmental conditions of equipment
 - Surveillance procedure, testing, operations and maintenance records
 - Protection setting and coordination study
 - Design basis document
 - Vendor manual for conformance with manufacturer instructions for installation and maintenance
 - Preventive maintenance and periodic verification testing and post-test analyses
 - Schematic and wiring drawings
 - System health report
 - Corrective action program documents
- (6) NK21, 125 VDC Vital Battery Charger 1
- Compliance with UFSAR, TS, and TS bases and plant procedures
 - Visual inspection of charger and associated system during walkdown
 - Environmental conditions of equipment
 - Design basis document
 - Preventive maintenance and periodic verification testing and post-test analyses
 - Surveillance procedure, testing, operations and maintenance records
 - Vendor manual for conformance with manufacturer instructions for installation and maintenance
 - Schematic and wiring drawings reviews
 - Corrective action program documents
 - Thermography inspection results of equipment internals
 - System health report
 - Protective settings and coordination study
 - Load test data study of batteries
- (7) PEF01A, Essential Service Water Pump A
- Design basis documents
 - System level procedures
 - Visual inspection of component during walkdown
 - System calculations
 - Water hammer analysis

- Thermal-hydraulic ultimate heat sink analysis
 - Preventative maintenance tasks and procedures
- (8) SGL10A, Residual Heat Removal Room Cooler A
- Heat exchanger testing procedures and performance history to assure consistency with vendor and industry recommendations
 - Room cooler maintenance history to verify the monitoring of potential degradation
 - Design calculations including required heat capacity, maximum tube plugging limits, and limiting flows and temperature inputs
 - Corrective action program documents
- (9) TEG01A, Component Cooling Water Surge Tank A
- Compliance with the UFSAR, TS, and TS bases
 - Calibration procedures and acceptance criteria calculations for level instrumentation
 - Component modifications and associated evaluations
 - Design calculations including minimum usable safety related inventory and tank level setpoints
 - Visual inspection of tank, valves, and instruments during walkdown
 - Review of vendor and design requirements
 - Evaluation of applicable operating experience relevant to sample
- (10) XNG01, Transformer Load Center NG01 Load Center
- Thermography procedure and results
 - Voltage analysis and short circuit calculations
 - Visual inspection during equipment walkdown
 - Review of vendor manual and plant design drawings

Modifications (IP section 03.02) (5 Samples)

- (1) MP 18-0045, Approve Changes to NK Battery Connection System Required for RF23
- (2) MP 19-0002, Thermocouple Core Cooling Monitor Replacement
- (3) MP 19-0012, Setpoint Re-Adjustment (Lower Level) For Control Building Sump
- (4) MP 19-0018, Ultimate Heat Sink Cooling Tower Return to Ultimate Heat Sink Pond
- (5) RFR 170223, Gas Void in Containment Spray Pump Suction from Emergency Recirculation Sump

10 CFR 50.59 Evaluations/Screening (IP section 03.03) (20 Samples)

- (1) CA2511-00892, MP 13-0001, Replace Essential Service Water Supply Fans CGD01A&B
- (2) CA2511-00936, MP 13-0037, Polar Crane Bridge and Trolley Motor Controls Upgrade
- (3) CA2511-01196, MP 19-0002, Thermocouple Core Cooling Monitor Replacement

- (4) CA2511-01221, MP 19-0085, Cooling Tower Basin Level Indication Phase 2
- (5) CA2511-01266, MP 19-0124, Replace KJV0820A/B, Diesel Generator Auxiliary Lube Oil Pump Pressure Relief Valves
- (6) CA2511-01267, MP 20-0006, UHS Cooling Tower Fan Motor Circuits Relay Replacement
- (7) CA2511-01271, MP 20-0015, XMB01 Exciter Transformer Replacement
- (8) CA2511-01272, MP-19-0018, Ultimate Heat Sink Cooling Tower Return to Ultimate Heat Sink Pond
- (9) CA2511-01318, MP 21-0009, Improve the Ground Fault Relaying on the C Phase of MA01
- (10) CA2511-01344, MP 21-0001, Eliminate the Main Feedwater Regulating Valve Single Point Vulnerability and Improve Reliability
- (11) CA2511-01363, MP 21-0020, Replace Batteries PK11 and PK12
- (12) CA2511/TABLE 8-8B, Maximum Allowable Number of Fuel Assemblies Offloaded to the Spent Fuel Pool vs. Time after Shutdown Refuel Outage 26 and Spent Fuel Pool Water Temperature Limit for Fuel Handling Operations
- (13) CA2512-00032, MP 19-0088, Atmospheric Steam Dump Valves Environmental Qualification
- (14) CA2512-00034, Reduction in Containment Passive Heat Sinks
- (15) CA2512-00036, MP 20-0012, Obsolete Transmitter - Vendor Cannot Quote Replacement Without Addition Information
- (16) MP 19-0012, Setpoint Re-Adjustment (Lower Level) For Control Building Sump
- (17) MP 19-0088, Atmospheric Steam Dump Valves Environmental Qualification
- (18) MP 19-0116, Evaluate and Approve Electromagnetic Interference Improvements for New EGS Connectors/Connections
- (19) MP 21-0021, RFR 210061, Reconfigure Select Intermediate Range Instruments
- (20) MP 22-0018, Replacement of Protective Relay PA0210211F

Operating Experience Samples (IP section 03.04) (3 Samples)

- (1) CR 201906202, Part 21 Fisher Information Notice 2019-01, Mechanical Setting of Disk/Stem Taper Pins for Fisher Type 7600, 7700, 7800, 9100, 9200, and 9500 Series Butterfly Valves
- (2) CR 202101555, Adverse to Quality Condition Found From Cook Unit 2 Operating Experience Review
- (3) CR 202104699, Wolf Creek DBAI Minor Violation of 10CFR50.65(a)(4) For Inadequate Model of the Startup Time of the NSAFWP Risk Value in PRA

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On May 25, 2023, the inspectors presented the comprehensive engineering team inspection (CETI) inspection results to Brent Jungmann, Senior Director, Nuclear Engineering, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71111.21M	Calculations	CN-CRA-19-5	Callaway Steam Tunnel GOTHIC Modeling Upgrade	0
		E-B-13	Voltage Analysis	0
		EDP-ZZ-01113	Infrared Thermography Program Guide	12
		EF-45	Acceptance Criteria Used in Essential Service Water Flow Balance Procedures	8
		GD-342	Cooling Tower Electrical Room Ventilation	0
		GK-05	Short Circuit Calculation	0
		GL-137	SGL10A/B Room Cooler Heat Removal Capabilities	0
		J-UEF03	Instrument Loop Uncertainty Estimate: UHS Cooling Tower Fan Speed and Bypass Valve Control	2
		M-EF-52	Heat Exchanger Performance Based on Reduced ESW Temperature and Flow	1
		M-EG-05 ADD 2	NPSH Available to the CCW Pumps with the Surge Tank Empty	0
		M-GK-370	Post-Accident Battery Room H2 Concentration Levels	001
		NAI-2114-001	Evaluation of Gas Accumulation in Callaway Containment Spray Suction Piping	0
		NAI-2163-001	Callaway Energy Center UHS Thermal Performance Analysis Using GOTHIC	0
		NB-05	System NB Protective Relay Setpoints	004
		NK-05	Class 1E Battery Capacity	010
		NK-06	Class 1E DC Power System Fault Tree Model	000
		NK-06 ADD 1	Class 1E DC Power System Fault Tree Model	10/20/1998
		NK-10	NK System DC Voltage Drop	002
		NK-10	Attachments C, D, E, F, G, and K for NK-10 Calculation	002
		ZZ-214	MOV Voltage Drop Calculation	10
ZZ-534	Quarter-turn MOV Capability and Margin Calculation	1		
ZZ-62	Plant Load Flow Calculation	10		
	Corrective Action Documents	Condition Report	201904041, 201701094, 201901943, 201905148, 201906023, 202203343, 202203419, 201601612, 202002721, 202003059, 202003062, 202004888, 202100215, 202100247, 202101093, 202101766,	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			202200624, 202201540, 202001783, 202100910, 202101555, 202102021, 202102548, 202201363, 202300457, 200701515, 202007410, 201803185, 200408670, 200002868, 200409206, 202000763, 202201665, 200800976, 200901546, 201000245, 201004897, 201706920, 201803958, 201904646, 202005745, 202203112, 202204558, 202204863, 201901616, 201803185, 201802828, 201300761, 200801763, 202303127, 202302551, 202300381, 201806334, 201806919, 201905572, 201906202, 201905708, 202101276, 202103720, 201108964, 200803462, 201203653, 201305408, 202203151	
	Corrective Action Documents Resulting from Inspection	Condition Report	202303237, 202303240, 202303241, 202303254, 202303269, 202303325, 202303400, 202303497, 202303510, 202303592, 202303596, 202303615, 202303621, 202303622, 202303623, 202303634, 202303643, 202303645, 202303676	
	Drawings	10466-M-619.2-0323-01	1UEWOC Fan Curves	04/07/1978
		E-009-00023	Metal-Clad Switchgear - Power & Control Circuits Electrical Diagram - NB0113	11
		E-050-00006	Batteries NK11 & NK14 60 Cell NCN-23S Layout ON-2-S07-074530-816 Racks	014
		E-050-00009	Batteries NK12 & NK13 - 60 Cell NCN-13S Layout ON-2-S07-07 520-816 Racks	013
		E-050-00032	Batteries - NCN & NCX Typical Termination Assemblies	003
		E-051-00058	3PH SRC Controller Battery Charger Schematics	012
		E-051-00079	Battery Chargers Wiring Diagram	009
		E-051-00090	3 Phase Thyristor Control Class 1E 130V Battery Charger NK21, NK22, NK23, NK24, NK25	011
		E-21005(Q)	List of Loads Supplied by Emergency Diesel Generator.	038
		E-21NB01(Q)	Lower Medium Voltage System Class 1E 4.16KV Single Line Meter and Relay Diagram	11
		E-21NG01	Single Line Diagram	28

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		E-21NK01(Q)	Class IE 125V DC System Meter & Relay Diagram	018
		E-23NK10	125 Volt DC Class 1E Power System Schematic	029
		E-23NN01	Class 1E Instrument AC Schematic	014
		E-U3EF05A(Q)	Schematic Diagram Cooling Tower Inlet Bypass Valve	2
		E-U3GD02	Schematic Diagram ESW Elect. Room Supply Fan	9
		M-105A-00002	Component Cooling Water Surge Tank	6
		M-105A-003-02	Support Leg Cross Bracing Detail	01/04/1978
		M-105A-009-02	Support Leg Detail	03/24/1977
		M-1184-00015	Crosby Pressure Relief Valves	0
		M-22EG01	P&ID Component Cooling Water System	11
		M-22KJ03	P&ID Standby Diesel Generator "A" Lube Oil System	20
		M-22KJ06	P&ID Standby Diesel Generator "B" Lube Oil System	20
		M-619.2-00144	Fan Assembly drawing Buffalo Forge Co. Fan 330 BL ARR 9I Class 1	6
		M-U2GD01	P&ID ESW Pumphouse & UHS Elec. Rm. HVAC	12
		M-UG082	UHS Cooling Tower Arrangement	8
	Engineering Changes	EC-46	Fuel Cycle 26 Decay Heat Load Calculation	0
		MP 13-0037	Polar Crane Bridge and Trolley Motor Controls Upgrade	002
		MP 19-0002	Thermocouple Core Cooling Monitor Replacement	1
		MP 19-0018	UHS Cooling Tower Return to UHS Pond	2
		MP 19-0085	Cooling Tower Basin Level Indication Phase 2	2
		MP 19-0088	Atmospheric Steam Dump Valves Environmental Qualification	003
		MP 19-0116	Electromagnetic Interference Improvements for New EGS Connectors/Connections	001
		MP 19-0124	Replace KJV0820A/B, DG Aux Lube Oil Pump Pressure Relief Valves	0
	MP 21-0001	Eliminate the Main Feedwater Regulating Valve Single Point Vulnerability and Improve Reliability	003	
	Miscellaneous	19508715.500	Clean and Inspect Battery Charger NK21	000
		19511729 NK21	Thermography Inspection Control Building. EL. 2016	000
		22508001.500	Thermography Inspection – Control Building EL. 2016	000
		ARC-1599	Independent Review of Crosby Engineering Calculation EC-	06/04/2020

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			3224, R0	
		CA2507	Curve Book Evaluation Table 8-8B	20
		CA2510	Screening for MP 08-0010	000
		CA2510-01463	Improve the Ground Fault Relaying on the C Phase of MA01 50.59 review CA2510-01463 - MP 21-0009	000
		CA2510eB	Screening for MP 18-0045 R001	001
		CA2511-01318	50.59 Screen for MP 21-0009	000
		CA2511-eB	50.59 Screening for MP 18-0045 Approve changes to NK battery connection system required for RF23	000
		CA2512-00034	Reduction in Containment Passive Heat Sinks	0
		E-009-00319	Instruction Manual for SEL-251D Distribution Relay	000
		E-050-00016	IM Batteries and Battery Packs Gould Inc, System: NK Manual	017
		E-27000A	Termination List Notes	033
		GEH-262IC	General Electric Installation and Maintenance Instructions for AV-Line Switchboards	06/01/1973
		GEK-7320F	General Electric Instructions for Types AM-4.16-350-2C & AM-4.16-350-2H Magne Blast Circuit Breaker	02/01/1980
		GNB Industrial Power Letter	March 14, 2012-03-14 letter from Paul Mattalano of GNB industrial Power to Nicole Weber of Ameren Missouri – Callaway Energy Center on NCN Hydrogen Generation Rates	03/14/2012
		HI 2004101	Health Risk and Solution Option Ranking -Thermocouple Core Cooling Monitor (TCCM) Obsolescence Issues (OBS)	0
		J-2049-00000	Thermocouple Core Cooling Monitor Operations and Maintenance Manual	0
		J-601B-00074	IM Atmosphere Relief Valve - Masoneilan International	055
		LDCN 19-0011	FSAR Markup/ LDCR CR# 201901616 FSAR SP SEC 9.3.3.5 for MP 19-0012,	0
		M-2024-00001	IM Nitrogen Isolation - Velan Engineering Company	000
		M-612-00062	IM Air Handling Units (Room Coolers) Carrier Corporation	23
		M-619.2-00136	Instruction Manual for Safety Related Fans	10
		M-924	Specification For Safety Related Fans CGD01A & B / CGM01A & B	0

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		M-U0GD	System Description Essential Service Water Pump House Ventilation System and UHS Cooling Tower Electrical Room Ventilation System	5
		MP 08-0010 CA2511	50.59 Screening for Setpoint adjustment for Control Building Sump	001
		MP 18-0045	Approve changes to NK battery connection system required for RF23	003
		MP 19-0012	Setpoint re-adjustment (lower level) for Control Building Sump	001
		MP 21-0009	Improve the Ground Fault Relaying on the C Phase of MA01	002
		MP 21-0020	RFR 200020 – Replace Batteries PK11 & PK12	001
		N/A	SEL-351A, -1 Relay Distribution Protection System Instruction Manual	09/08/2019
		NG-22	NK21CB1 Feeder Breaker Application Sheet	001
		OTA-RK-00024 Addendum 94F	Miscellaneous Sumps Level High	005
		RFR	AK Correction Factors on Room Coolers	B
		RFR 004371B	Interstep Cable Connector Part Numbers	B
		RFR 007519	Eval. NK Battery Interstep Cable material Equiv.	A
		RFR 017225A	Material Equiv. for a different Subtier on a GNB lug	A
		RFR 020132A	Update E-050 I/M'S Due NK Battery Replacement	A
		RFR 170208	Approve Part Number Change for GNB Batteries (NCN and NCX Series)	000
		RFR 170223	Gas Void in CTMT Spray Pump Suction from Emergency Recirculation Sump	0
		RFR 170223	Gas Void in CTMT Spray Pump Suction from Emergency Recirculation Sump	0
		RFR 180078	Approve changes to NK battery connection system required for RF23 and the battery swap out being done during refuel	000
		RFR 200135	Retire Installed Hydrogen Analyzers in the NK, PK and Comm. Corridor Battery Rooms	000
		RFR 20115	Evaluate NK Battery Interstep Cable Material Equiv	000
		RFR 210110	External Indication of Ventilation Status For Communications Corridor Battery Room No. 1	000

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		RFR 210112	Evaluate If NK Battery Room Hydrogen Monitors Are Required	000
		RFR 210113	Evaluate if Communications Corridor Radio Room/Battery Room Hydrogen Monitor Can Be Retired	000
		ULDBD-EG-001	Component Cooling Water	1
		ULDBD-GD-001	Essential Service Water Pumpouse and Ultimate Heat Sink Ventilation Systems	1
		ULDBD-GL-001	Auxiliary Building Ventilation System	3
		ULDBD-NB-001	Lower Medium Voltage (Class 1E 4.16KV)	1
		ULDBD-NG-001	Low Voltage (480V) - Class 1E	2
	Procedures	APA-ZZ-00143	10 CFR 50.59 AND 10 CFR 72.48 Reviews	022
		APA-ZZ-00320	Work Execution	082
		APA-ZZ-00330	Preventive Maintenance Program Administrative Correction	059
		APA-ZZ-00395	Significant Operator Response Timing	033
		APA-ZZ-00396	Gas Intrusion Program	4
		APA-ZZ-00500	Corrective Action Program	075
		APA-ZZ-00604	Requests For Resolution	042
		E-017-00397	IM Load Center Unit Substations General Electric Company, System: NG	028
		E-050-00038	Seismic Qualification Report of Cable Clamps	000
		E-051-00090	3 Phase Thyristor Control Class 1E 130V Battery Charger NK21, NK22, NK23, NK24, NK25	011
		E-051B-00002	Instruction Manual for Installation and Operation pf Class 1E Electrically Operated Manually controlled Transfer Switches, NK71- Thru NK78	000
		E-1	Loss of Reactor or Secondary Coolant	023
		E-1052-00017	IM FOR LGSB13 AND LGSB2 Circuit Breakers, Nuclear Logistics Inc. System: PG	003
		E-2	Faulted Steam Generator Isolation	012
		E-21013	Installation, Inspection, and Testing Details For Electrical Equipment and Cable	057
		E-25000A	Cable and Raceway Notes, Details, and Tables	055
		E-3	Steam Generator Tube Rupture	025

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		ECA-0.0	Loss of All AC Power	032
		EDP-ZZ-00396	Gas Intrusion Program Implementation	1
		EDP-ZZ-01112	Heat Exchanger Predictive Performance Manual	27
		EDP-ZZ-01113	Infrared Thermography Program Guide	012
		EDP-ZZ-01133	Air Operated Valve Program Guide	026
		ISF-EG-000L1	CCW Surge TK 'A' Level Channel OP Test	26
		ISP-NF-0001A	LSELS Train A ESW and CCW Pump Start Inhibit Test	5
		ITL-EG-00R09	CCW HX 'A' Inlet Process Rad Monitor Loop Cal	19
		ITL-GD-00T51	LOOP-TMP; UHS Cooling Tower Elec. Rm Sply Fan (CGD02A) Temp	19
		ITM-ZZ-VT001	Diagnostic Calibration and Testing of Modulating Air Operated Valves	025
		MP 08-0010	Setpoint adjustment for Control Building Sump	001
		MPE-NK-QB004	NK CLASS 1E Battery Charger Inspection	013
		MPE-ZZ-QS003	Cleaning and Inspection of 120 VAC Distribution Panels, 125 VDC and 250 VDC Switchboards and Miscellaneous Electrical Panels	014
		MPE-ZZ-QS005	General Electric 4.16KV Breaker PM	034
		MPE-ZZ-QS006	GE Magne Blast Breaker Overhaul	015
		MPE-ZZ-QS008	G.E. 480 VOLT Load Center PM	029
		MPM-ZZ-QH001	Inspection and Maintenance of Tornado Dampers	5
		MPM-ZZ-QV009	Fisher Controls Nuclear Carbon Steel Butterfly Valves - Disassembly Inspection and Reassembly	10
		MPM-ZZ-QW002	Safety-Related Fan Belt Replacement/Tensioning	6
		MPM-ZZ-QW002	Safety-Related Fan Belt Replacement/Tensioning	5
		MSE-NK-QB002	Quarterly Surveillance on NK Quarterly Surveillance on NK Large Station Batteries	016
		MSE-NK-QB011	Inspection and Surveillance of NK11 Battery and Battery Chargers NK21/NK25	027
		MTE-ZZ-QB002	Battery Charger Maintenance, Field Adjustments, and Troubleshooting	020
		MTE-ZZ-QN005	Electrical Scheme Checkout	011
		MTM-ZZ-QA002	Limitorque SMB-00 MOV Inspection and Overhaul	020

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		MTT-ZZ-00001	HVAC System Air Balancing	8
		OSP-EJ-P001A	RHR Train A Inservice Test - Group A	69
		OSP-EN-00002	Containment Spray System Venting	5
		OTA-NK-00001, Addendum 3A	Switchboard Bus Under Voltage	0
		OTN-EG-00001	Component Cooling Water System	62
		OTN-EG-00001 ADDENDUM 1	Transferring Water Between Surge Tanks	4
		OTN-LF-00001 Addendum 9	Control Building Floor/Equipment Sump level High	004
		OTO-EG-00001	CCW System Malfunction	18
		ULNRC-05504	Three-Month Response to NRC Generic Letter 2008-01,"Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems" (TAC NO. MD7806)	04/10/2008
		ULNRC-05551	Three-Month Response to NRC Generic Letter 2008-01,"Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems" (TAC NO. MD7806)	10/13/2008
		ULNRC-05590	Three-Month Response to NRC Generic Letter 2008-01,"Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems" (TAC NO. MD7806)	02/04/2009
		ULNRC-06164	Supplemental Response to NRC Generic Letter 2008-01,"Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems" (TAC NO. MD7806)	12/15/2014

71111.21M	Work Orders	Job	07510763.250, 10507443.250, 10507443.550, 11512464.500, 17004271.550, 20511173, 21502427, 22509934, 22500698, 20000796, 20002095, 13505629.500, 19508715.500, 19509000.500, 18000362.900, 18000363.900, 18000364.505, 18000365.520, 19003551.940, 21001642, 20511648, 14504618, 20509118, 21500183.500, 22001102.350, 22502362, 18512211.500	
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