



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

January 13, 2006

Carolina Power and Light Company
ATTN: Mr. J. Scarola, Vice President
Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT - NRC PROBLEM IDENTIFICATION
AND RESOLUTION INSPECTION REPORT 05000325/2005011 AND
05000324/2005011

Dear Mr. Scarola:

On December 16, 2005, the U. S. Nuclear Regulatory Commission (NRC) completed an inspection at the Brunswick Steam Electric Plant. The enclosed report documents the inspection results, which were discussed on December 16, 2005, with you and other members of your staff.

This inspection was an examination of activities conducted under your license as they relate to the identification and resolution of problems, and compliance with the Commission's rules and regulations and with the conditions of your operating license. Within these areas, the inspection involved selected examination of procedures and representative records, observations of activities, and interviews with personnel.

As an incentive to encourage licensee participation in the International Atomic Energy Agency Operational Safety Review Team (OSART) Missions, the NRC determined that, for those NRC baseline inspections that overlap, either in part or fully, with an OSART review, a one-time regulatory credit (reduction in baseline inspection program), would be granted. Based on a review of the inspection report from an OSART inspection conducted at Brunswick in May, 2005, the NRC determined that Brunswick qualified for a 50% reduction of the inspection effort for NRC Inspection Procedure 71152, Identification and Resolution of Problems. As such, the scope of this inspection was reduced by 50% from a two-week to a one-week inspection.

On the basis of the sample selected for review, there were no findings of significance identified during this inspection. The inspectors concluded that problems were properly identified, evaluated, and resolved within the Problem Identification and Resolution Programs.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS).

ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Paul E. Fredrickson, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket No.: 50-325, 50-324
License No.: DPR-71, DPR-62

Enclosure: NRC Inspection Report No. 05000324/2005011 and 05000325/2005011
w/Attachment: Supplemental Information

cc w/encl: (See page 3)

cc w/encl:

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E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

U. S. NUCLEAR REGULATORY COMMISSION

REGION II

Docket No: 50-324, 50-325

License No: DPR-71, DPR-62

Report No: 05000324/2005011, 05000325/2005011

Licensee: Carolina Power and Light

Facility: Brunswick Steam Electric Plant, Units 1 & 2

Location: 8470 River Road SE
Southport, NC 28461

Dates: December 12-16, 2005

Inspectors: G. MacDonald, Senior Project Engineer (Lead Inspector)
J. Austin, Resident Inspector, Brunswick
M. Maymi, Reactor Inspector, Division of Reactor Safety

Approved by: P. Fredrickson, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Enclosure

SUMMARY OF ISSUES

IR 05000325/2005011, 05000324/2005011; 12/12/2005 - 12/16/2005; Brunswick Steam Electric Plant, Units 1 and 2; Biennial baseline inspection of the identification and resolution of problems.

The inspection was conducted by a Region II senior project engineer, resident inspector, and reactor inspector. No findings of significance were identified. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 3, dated July 2000.

Identification and Resolution of Problems

The inspectors determined that the licensee was effective in identifying problems and entering them into the Corrective Action Program (CAP). One example was noted where new action requests/nuclear condition reports (ARs/NCRs) were not written for current failures, instead the issue was tracked with an old NCR. Problem evaluation and corrective action implementation were generally effective with deficiencies noted in corrective action timeliness and in the quality and timeliness of investigations. The inspectors noted several examples where significant adverse conditions had recurred, indicating that all root/contributing causes had not been determined or that corrective actions had not provided timely resolution. Significant investigations were ongoing and recent CAP process changes were initiated by management to address these issues. The inspectors did not identify any new CAP problems not already being addressed by the licensee. The inspectors determined that the site staff felt free to raise issues and that management wanted issues placed into the CAP for resolution. Some engineering department staffing and CAP workload distribution concerns were noted in the employee concerns program (ECP). The ECP coordinator and management were already addressing the underlying issues related to these concerns and their potential affect on plant equipment. The inspectors did not identify any reluctance to report safety concerns.

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REPORT DETAILS

4. OTHER ACTIVITIES (OA)

4OA2 Problem Identification and Resolution

a. Effectiveness of Problem Identification

(1) Inspection Scope

The inspectors reviewed Procedure CAP-NGGC-0200, Corrective Action Program, Revision (Rev.) 16, which describes the administrative process for initiating and resolving problems. A nuclear condition report (NCR) is initiated to document problems that are significant adverse conditions (Priority 1), adverse conditions apparent cause (Priority 2), adverse conditions correct and trend (Priority 3) or improvement items (Priority 5).

The inspectors reviewed 98 NCRs initiated by the licensee since November 2003 (coinciding with the last NRC baseline problem identification and resolution inspection) (PI&R) to verify that problems were being properly identified, appropriately characterized, and entered into the Corrective Action Program (CAP). The reviews primarily focused on issues associated with three risk-significant systems: reactor core isolation cooling (RCIC), instrument air, and emergency diesel generator (EDG), ventilation. The inspectors' scope also included select NCRs related to the findings included in the NRC inspection reports (IRs) and licensee event reports (LERs) issued since the last PI&R inspection. The sample also included several of the oldest open NCRs.

The inspectors conducted walkdowns of the RCIC, EDG ventilation, instrument air, service air, and backup nitrogen systems to verify that problems had been properly identified and characterized in the CAP. System performance was reviewed by discussion with system engineers and by review of system corrective and preventive maintenance (PM) history. The inspectors reviewed work requests (WRs) and completed maintenance work orders (WOs), selected completed PMs, maintenance rule data, and system health reports for these risk-significant systems to verify that equipment deficiencies were being appropriately entered into the CAP. Control room operator logs for the month of November 2005, were reviewed to verify that NCRs were initiated for deficiencies described in the logs. The daily WRs for December 13 and 14 were reviewed to determine if any WR issues had met the criteria for NCR generation, but an NCR had not been initiated.

The inspectors reviewed six selected industry operating experience items to verify that the items were appropriately evaluated for applicability and whether issues identified through these reviews were entered into the CAP. The inspectors reviewed licensee audits and self-assessments (focusing primarily on problem identification and resolution) to verify that findings were entered into the CAP and to verify that these findings were consistent with the NRC's assessment of the licensee's CAP.

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Documents reviewed are listed in the Attachment.

(2) Assessment

The inspectors determined that the licensee was effective in identifying problems and entering them into the CAP. Other than those already entered into the CAP by the licensee, no conditions adverse to quality were identified by the inspectors during walkdowns or WR/WO reviews. The site and department NCR generation rate remained relatively constant for 2004 and 2005. The inspectors determined that the Operational Safety Review Team (OSART) findings identified during a May 2005 inspection were input to the CAP. The licensee was effective in evaluating internal and external industry operating experience items for applicability and entering issues into the CAP. Department self-assessments and audits performed by the Nuclear Assessment Section were effective in identifying issues and entering these deficiencies into the CAP.

During the review of completed instrument air system preventive maintenance work orders, the inspectors identified calibration procedures that did not identify which instruments were being used to satisfy Technical Specification surveillance requirement 3.6.5.1. NCR 178856 was written and a five year maintenance history review of the instruments revealed no issues. During the RCIC system walkdown, the inspectors noted 2 danger tags laying on the floor of a contaminated area adjacent to the RCIC pump. The licensee subsequently determined that the danger tags had been properly removed from the components approximately six months ago, but not properly disposed of. This issue was entered into the CAP as AR 178993. During the EDG ventilation system walkdown, scaffolding and a ladder were noted to be stored in the EDG supply fan inlet plenum. The EDG 4 exhaust fan damper was noted to be open with the exhaust fan off. WR 220540 was written for resolution.

During the review of operator logs, it was noted that there had been eight control room recorder failures in November 2005, and WOs were utilized for repair rather than a trend NCR. The licensee had been relying on a previous AR to address the aging control room recorder issue. AR 23915 was generated September 21, 2000 to address the recorder issues.

b. Prioritization and Evaluation of Issues

(1) Inspection Scope

The inspectors reviewed the same 98 NCRs discussed in Section 4OA2.a to verify that the licensee properly classified the problems in accordance with Procedures CAP-NGGC-0200 and CAP-NGGC-0205. The majority of NCRs reviewed were classified as Priority 2, with 16 classified as Priority 1. The inspectors' review was also intended to verify that the licensee had determined the apparent cause of problems and adequately addressed operability, reportability, common cause, generic concerns, and extent of condition. For significant conditions adverse to quality, the review was also to verify that the licensee had adequately determined the root and contributing causes and to assess

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the thoroughness and timeliness of the investigations. The inspectors also reviewed a sample of cancelled NCRs to verify they were voided for appropriate reasons.

(2) Assessment

The inspectors did not note any examples of misclassified NCRs and determined that the licensee properly prioritized issues in accordance with Procedure CAP-NGGC-0200, when entering them into the CAP. Also, no examples were noted of inappropriately cancelled NCRs. The inspectors noted frequent investigation extensions in the sample of significant adverse condition investigations (SACI) reviewed and that several of the SACIs were performed by individuals not by teams.

In the sample reviewed, the inspectors noted several examples where the cause evaluations could have been more thorough. The examples included foreign material in the Unit 1 main condenser in the B115R1 refueling outage, the EDG ventilation supply fan main control room control switch and the EDG ventilation damper solenoid valves.

The inspectors noted examples where significant adverse conditions recurred which meant that either the problem evaluation was weak and did not identify all root and contributing causes or that corrective actions did not address all the root and contributing causes. The CAP self assessments had also identified weaknesses with investigations and a SACI had been initiated to improve the quality of investigations. The examples noted by the inspectors were contained in the licensee's SACI which is currently ongoing. The inspectors also noted several recent CAP process changes implemented by management including the daily AR reviews and the use of corrective action review board to review SACIs.

c. Effectiveness of Corrective Actions

(1) Inspection Scope

The inspectors evaluated the same 98 NCRs discussed in Section 4OA2.a to verify that the licensee had identified and implemented timely and appropriate corrective actions to address problems. The inspectors reviewed the corrective actions to verify that they adequately addressed the described problem, the identified root/apparent causes and were properly documented, assigned, and tracked to ensure completion. Selected corrective actions were sampled for detailed review to independently verify that corrective actions were implemented as intended. The sample selected for verification included corrective actions associated with NRC findings, LERs, as well as other NCRs associated with the focus systems. Additionally, the inspectors reviewed a sampling of the oldest NCRs to verify that implementation delays were appropriately justified.

(2) Assessment

Overall, corrective actions developed and implemented for problems were generally appropriate to the problem, however the inspectors noted several examples where significant adverse conditions recurred. The inspectors concluded that this showed that

some of the corrective actions were either not timely or did not address all potential root/contributing causes. Examples noted were condenser tube ruptures, switchyard power circuit breakers and instrument air/service air dryers. The licensee had already identified this concern and a SACI was open on this problem. In the sample reviewed, the inspectors noted several examples where corrective actions and corrective actions to prevent recurrence were not meeting CAP timeliness goals. This observation was consistent with a negative trend noted by the licensee's CAP monitoring. There was a SACI addressing several improvement initiatives to address CAP timeliness.

In verifying corrective action implementation, the inspectors noted an unlabeled valve during the instrument air system walkdown. This condition had been previously identified by an NCR, and the valve had been added to the scope of an already existing engineering change to identify the valve, add it to drawings and procedures, and have it labeled in the field. The engineering change was closed with no label attached to the valve in the field. NCR 178715 was written to address the issue.

The inspectors noted examples where effectiveness reviews were not scheduled within CAP timeliness goals. Recently CAP process changes were implemented by management to improve corrective action implementation, including daily AR/NCR reviews and instituting a corrective action review board to review SACIs. The inspectors noted that the OSART report indicated a timeliness issue with corrective action for long term material condition issues. Self assessments identified that management attention should be focused on corrective action implementation.

d. Assessment of Safety-Conscious Work Environment

(1) Inspection Scope

The inspectors conducted interviews with randomly selected members of the plant staff, including management, operations, maintenance, engineering, and CAP personnel, to develop a perspective of the safety-conscious work environment (SCWE) at the site and the willingness of personnel to use the CAP, and employee concerns program (ECP). The interviews were also to determine if any conditions existed that would cause employees to be reluctant to raise safety concerns. The inspectors interviewed the ECP Coordinator and reviewed a select number of ECP files completed since November 2003, to verify that concerns were being properly reviewed and that identified deficiencies were being resolved in accordance with Procedure REG-NGGC-0001, Employee Concerns Program.

(2) Assessment

The inspectors concluded that licensee management emphasized the need for all employees to identify and report problems using the CAP, ECP, and Work Order System. These methods were readily accessible to all employees. Licensee management encouraged employees to promptly identify nonconforming conditions. Based on discussions conducted with a sample of plant employees from various departments, the inspectors determined that the site staff felt free to raise issues and

that management wanted issues placed into the CAP for resolution. None of the staff interviewed felt that valid issues had been cancelled. The inspectors noted that, for the ECP files they had reviewed, ARs were initiated in the CAP for any condition adverse to quality that had been identified in the file. Some SCWE concerns were noted in the ECP files reviewed related to the engineering department. The concern was primarily related to workload and the ECP coordinator and management were addressing the underlying issues of staffing and CAP workload distribution and its potential affect on plant equipment. The inspectors did not identify any reluctance to report safety concerns.

4OA6 Management Meetings

The inspectors presented the inspection results to Mr. Scarola and other members of licensee management at the conclusion of the inspection on December 16, 2005. The inspectors confirmed that proprietary information was not retained following the inspection.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel:

J. Scarola, Site Vice President
T. Cleary, Director Site Operations
B. Waldrep, Plant General Manager
A. Pope, Manager-Operations
E. O'Neil, Manager-Support Services
S. Rogers, Manager-Nuclear Assessment
J. Ferguson, Manager-E&RC
D. Griffith, Manager-Outage & Scheduling
J. Gawron, Manager-Training
P. Dubrouillett, Superintendent-System Engineering
G. Johnson, Superintendent-Self Evaluation/Doc Srvcs
L. Beller, Supervisor-Licensing/Regulatory Programs
G. Raker, Lead Self Evaluation Specialist
L. Grzeck, Sr. Engineer-Licensing

NRC Personnel:

G. DiPaolo, Senior Resident Inspector
J. Austin, Resident Inspector

LIST OF ITEMS OPENED, CLOSED AND DISCUSSED

None

LIST OF DOCUMENTS REVIEWED

Section 40A2: Identification and Resolution of Problems

Procedures

CAP-NGGC-0200, Corrective Action Program, Rev.16
 CAP-NGGC-0201, Self Assessment Program, Rev. 8
 CAP-NGGC-0202, Operating Experience Program. Rev. 9
 CAP-NGGC-0203, Benchmarking Program, Rev. 2
 CAP-NGGC-0204, Human Performance Program, Rev. 0
 CAP-NGGC-0205, Significant Adverse Condition Investigations, Rev. 4
 REG-NGGC-0001, Employee Concerns Program, Rev. 13
 ADM-NGGC-0104, Work Management Program, Rev. 1
 ADM-NGGC-0204, Work Management, Rev. 1
 OOP-46, Instrument and Service Air System Operating Procedure, Rev. 117
 OPIC-ETU002, Calibration of Foxboro Dual Absolute Alarm Model 2AP+ALM-AR Style B, Rev. 3
 OPIC-PT003, Calibration of Rosemount Model 1153 Pressure Transmitter, Rev. 20
 OPM-DRY001, Preventive Maintenance of Lectrodryer Instrument Air Dryer Model Air120, Rev. 7
 1OI-03.4.3, Unit 1 Turbine Building Auxiliary Operator Daily Check Sheets, Rev. 34
 1OP-19, High Pressure Coolant Injection System Operating Procedure, Rev. 62
 2OI-03.2, Control Operator Daily Surveillance Report, Rev. 88
 2OI-03.4.3, Unit 2 Turbine Building Auxiliary Operator Daily Check Sheets, Rev. 41

Nuclear Condition Report Action Requests

016613, Service Air Long Term Reliability Plan, 02/15/00
 052273, Reduce Diversion Structure Fouling, 11/13/01
 057638, DG Bldg Fan C Did not Start in Auto 1 Control Switch Position
 085774, DG#2 Supply Fans Did Not Start With DG Cell Temp @ 104
 087662, Condenser and Hotwell findings during B216
 088173, 2-E-41-V79 Failed Disassembly Inspection Under 86-03 Program, 03/19/03
 102456, CST Vortexing Documentation Discrepancies, 08/19/03
 106182, OMST-BATT10NA Scheduled With Motor Driven FP Inop
 110705, HPCI Auto Isolation, 11/12/03
 112297, Unit 1 Instrument Air Dryer Dewpoint Limit Exceeded, 11/10/03
 113436, DG3 Fuel Cell Smoke Exhauster Fan Dampers
 113612, Unidentified Valve in System, 12/16/03
 113896, Maintenance Interorganizational Effectiveness
 114153, 1A SCW Pump Water Column Found Broke at Flanged Joint, 12/26/03
 114251, TBCCW Leak, 12/29/03
 115452, Division 1 Backup Nitrogen Pressure Decrease, 01/15/04
 115905, 2-HD-V119 was Found Leaking w/ a Cracked Weld, 01/17/04
 115959, DG2 Jacket Water Flange Corrosion, 01/21/04
 117143, EDG Piston Failure Potential
 117489, MR a(1) Goal Exceeded for Radiation Monitoring System, 02/09/04
 117793, Ops Radio Performance Hampered AOP-020 Response Efforts
 119682, 1-FW-V120 Leaking By Closed Seat Hampered Level Control
 119732, Valve 1-B21-F022D Exceeded Maintenance Rule Leakage Limit, 02/29/04
 119758, Test Failure on RCIC Valves

120004, Thermal Binding of 1-E11-F004B/D Valves, 02/29/04
120212, WO Cancelled Without Proper Research or Communication
121298, Valve Stroke Time Exceeded Max Time
121380, Failure of 1-E41-V79 During Check Valve Inspection, 03/14/04
121609, Dropped Scaffold Wire During Close Out
121925, Outage Human Performance Trends
122114, Failure of 1-E51-F017 During Relief Valve Testing
122425, Foreign Material Found in the Main Condenser During B115R1
123907, Condensate Transient on Unit 1 during S/U
123991, Dielectric Insulating Washers not Installed on 2-SW-V3, 04/08/04
124067, Nuclear SW Header Through Wall Leak, 04/11/04
124266, Maintenance Rework Program
125484, Failure of Check Valves 2-IAI-V522 and 2-IAI-V523, 04/27/04
127455, Potential Adverse Trend in Site Wide Human Performance
128254, Rework 2-FP-SV-1687 Diesel Fire Pump Cooling Water
128421, OE18444 EDG LO Due to Speed Switch Electric Noise
128848, Diesel Generator # 1
129173, Maintenance Adverse Trend in Human Performance, 06/09/04
129683, Repeat of EC 51190 Controls for Plant Air System Inadequate, 06/15/04
130072, 2-E51-F008 Packing Leak
130084, DG Bldg Hi Temp Guidance
130109, DG Fire Doors Open
130505, Reportedly an NCR May Have Been Closed Improperly
130955, Design Doc. Inconsistency Dwg D-03056 VS 7453-101-6-VAD-54F
131021, DG Operability Question
131023, DG Damper in Recirc Position Due to Open Work Order for Extended Time
131026, DG Operability Question
132990, CRDs 34-43 and 38-43 Have Thru Wall Insert Line Leaks
134015, Long Stroke Time on 2-CAC-X18F Vacuum Breaker
134406, Untimely Corrective Maintenance Results in Maintenance Rule Functional Failure,
08/09/04
134514, Ineffective Maintenance of the IA Dryer Resulted in Functional Failure, 08/10/04
134796, 08/14/04 Unit 1 Manual Scram
134797, Weatherspoon Line Fault Near BNP-1
134798, 1B SGBT Failure to Start Following BNP1 Trip, 08/14/04
135803, Maintenance Rule System 1005 a(2) Determination, 08/24/04
135925, Insufficient Walkdown for CRD Corrosion, 08/23/04
136550, Part 21 Report - EDG Piston Defect
139360, OE 18987 RCIC Suction Line Air Voids
141194, EDG Piston Material Reliability
143512, Unplanned LCO Entry on Unit 2
144352, Gas Voids Cause SLC PP 1A & 2B to be Inop
145243, Unit 2 Received Instrument Air Pressure Low Alarm, 12/07/04
146858, DG HVAC System Response
146921, Repeat Failure of 2D Air Compressor, 12/30/04
150933, Fuel Oil Spill at TSC Diesel Generator
151984, Rework 2-VA-TC-1609
153203, B217R1 Condenser Inspection
153540, Valve 2-RNA-V315 Internals Dropped During Inspection, 03/12/05

153894, Hatch Safety Relief Valve Tee Quencher Support Bolts, 03/14/05
 155011, LLRT Failure of 2-E51-F062
 155028, SER 2-05 Gas Intrusion into Safety Systems, 03/30/05
 155439, Check Valve 2-RNA-IV-2331 Inservice Test Failure, 04/01/05
 156020, Rx Scram Unit 2
 156287, 2-FW-FV-47-AO Diaphragm Leakage, 04/13/05
 156446, Relief Valve Test Failure
 156475, 10CFR21 Report Governor Null Voltage Shift
 156580, Unit 1 RFP Response During Scram Recovery, 04/15/05
 156635, OE Part 21 From ESI on Woodward Governors
 156946, Reportability Issues with OPT-20.10
 157307, RCIC Operability
 160299, 1-E51-PSH-N012C Found Out of TS Limit
 162207, Emergency Switchgear High Temperature Annunciator
 162710, RCIC Min Flow Valve Failed Open During PT
 166395, NRC Information Notice 2005-23, Vibration Induced Degradation of Butterfly Valves, 08/12/05
 166598, DG Ventilation DBD Statements Are Misleading or Incorrect
 168619, S/A 140702 I1 Repetitive Conditions in CAP
 167722, Corrective Action Program Related Deficiencies
 168793, Failure of Valve 2-SA-V877, 2D Air Compressor Manual Drain Valve, 09/07/05
 169444, DG Bldg HVAC Box Filter Damaged During Hurricane Ophelia
 172049, Unit 2 Air Pressure Low and Dryer Trouble Alarms, 10/08/05
 172327, S/A 140702 W1 Management of CAPR Assignments
 174931, OPT-10-1.1 Performed using Uncalibrated Test Equipment
 178715, 2-IAI-V5035 Missing Label, 12/13/05
 178888, OPIC Procedures Missing LCO Notification, 12/14/05

Maintenance Work Orders/Work Requests

WO 424776, Replace SA Dryer 1-SA-DBT-1A North Tower, 08/13/04
 WO 439441, Calibrate Humistat on 1-SA-1-IA-DRY, 02/09/05
 WO 498321, Replace Reactivation Valve on 1-SA-1-IA-DRY, 08/10/04
 WO 507991, Calibrate 1-IA-PI-724-1, PI-724-2, PT-724, IA Header PI, & PS-723, 04/29/05
 WO 534230, Calibrate Unit 2 Division 2 Nitrogen Backup Instruments, 05/12/05
 WO 588636, Discharge Valve Assembly Inspection for 1-SA-1B-AIR-CMP, 07/19/04
 WO 659822, Perform inspection on Division 2 Filter 2-RNA-FLT-103, 05/24/05
 WO 659823, Perform inspection on Division 1 Filter 2-RNA-FLT-104, 04/29/05
 WO 752107, 2-SA-TRP-11 Intercooler Auto Drain Trap No Discharge Condensate, 09/01/05
 WO 754310, 2-SA-V877 Leaks by Seat Manual Drain Valve, 09/07/05
 WR 125968, Replace Reactivation Valve on 1-SA-1-IA-DRY, 12/17/03
 WR 128286, Replace Dryer Tower on 1-SA-DBT-1A, 01/08/04
 WR 207361, 2-SA-2D-AIR-CMP Intercooler Drain Not Functioning, 09/01/05
 WR 207983, 2-SA-V877 Leaks by Seat Manual Drain Valve, 09/07/05
 WO 620963, 2-VA-2D-SFSR-DG, Perform Inspection on Roof Ventilator Oil Tk Room #4
 WO 620962, 2-VA-2C-SFSR-DG, Perform Inspection on Roof Ventilator Oil Tk Room #3
 WO 620961, 2-VA-2B-SFSR-DG, Perform Inspection on Roof Ventilator Oil Tk Room #2
 WO 620960, 2-VA-2A-SFSR-DG, Perform Inspection on Roof Ventilator Oil Tk Room #1
 WO 769545, Obtain Governor Null Voltage Info on DG1
 WO 769568, Obtain Governor Null Voltage Info on DG2

WO 769578, Obtain Governor Null Voltage Info on DG3
WO 769584, Obtain Governor Null Voltage Info on DG4

Self- Assessments

CAP Self Assessment No. 140702, September 6-9, 2005
CAP Self Assessment No. 78381, December 8-11, 2003
Nuclear Assessment Section (NAS) CAP Assessment No. 140079, June 20-22, 2005
NAS Self Evaluation Program/SOER Assessment, Report File No. B-SE-04-01, July 15, 2004

Drawings

D-07006, Piping Diagram Instrument Air Supply System Radwaste Building, Rev. 39
D-04101, Unit 1 &2 Ventilation System Diesel Generator Building Air Flow Diagram, Rev. 13

Other Documents

UFSAR, Sections 1.2.2.5.11, 5.4.6.1, 5.4.6.2.1, 6.3.2.2.1, 6.3.2.8, 6.3.2.9, 9.2.6.2, 15.2.5,
15.2.6.3, Rev. 18C
TS Bases, Sections B3.3.5.1, Rev. 36
Licensee Event Report 05000325/2005-002-00, Reactor Core Isolation Cooling System Manual
Actuation During Plant Shutdown, 04/15/05
EC 55424, RW North IAI Entrainment Separator Configuration Control Discrepancies, 04/12/05
System Health Report, Instrument Air System, 10/31/05
System Health Report, EDG Ventilation System, 10/28/05
SD-37.4, Diesel Generator Building Heating and Ventilation System Description, Rev. 3
CAP Health Report 2002, 2003, 2005, & November 2005 Performance
Employee Concern Files ECR# 41346, 41363, 41367
Equipment Performance Priority List December 12, 2005
Living Maintenance Human Performance Strategic Plan 4-19-05
Procedure Revision Request 172351, OPM-GOV003, Diesel Generator Speed/Load Control
Calibration, Rev. 8
Woodward Governor Null Voltage Preventive Maintenance Route RQ44146-01, DG1
Woodward Governor Null Voltage Preventive Maintenance Route RQ44147-01, DG2
Woodward Governor Null Voltage Preventive Maintenance Route RQ44149-01, DG3
Woodward Governor Null Voltage Preventive Maintenance Route RQ44151-01, DG4
Equipment Reliability Top 10 List December 12, 2005
Passport Listing for ARs Generated from OSART Report 171658, 171691, 171698, 171701,
171702, and 171709
New Work Requests Last 24 Hours December 12, 2005
New Work Requests Last 24 Hours December 13, 2005