

# Brunswick 1

## 1Q/2004 Plant Inspection Findings

---

### Initiating Events

---

### Mitigating Systems



**Significance:** Jan 07, 2004

Identified By: NRC

Item Type: NCV NonCited Violation

#### **INADEQUATE CORRECTIVE ACTIONS FOR EDG JACKET WATER COOLING LEAK RESULTS IN FAILURE TO MEET TECHNICAL SPECIFICATION LCO 3.8.1**

An inspector-identified finding was identified for the failure to take adequate corrective actions for conditions adverse to quality associated with the No. 3 emergency diesel generator (EDG 3) jacket water cooling (JWC) system. This condition resulted in EDG 3 being inoperable from December 8, 2003, until January 7, 2004, which was contrary to the requirements of Technical Specification (TS) Limiting Condition for Operation (LCO) 3.8.1, AC Sources-Operating. One non-cited violation was identified for Unit 1: 10CFR50, Appendix B, Criterion XVI.

This finding is greater than minor because it is associated with the availability and reliability of EDG 3 to mitigate events such as a loss of offsite power. The finding was determined to have very low safety significance (Green) because, although the ability of EDG 3 to mitigate a loss of offsite power event was effected, EDG 3 provides a relatively small amount of the Unit 1 safety-related loads.

Inspection Report# : [2004002\(pdf\)](#)



**Significance:** Sep 20, 2003

Identified By: NRC

Item Type: NCV NonCited Violation

#### **INADEQUATE CORRECTIVE ACTIONS FOR SERVICE WATER STRAINER BLOWDOWN LINE CLOGGING**

The inspectors identified a non-cited violation for the licensee's failure to comply with 10 CFR 50, Appendix B, Criterion XVI. This violation is related to inadequate corrective actions to prevent recurring nuclear and conventional service water pump functional failures caused by clogging of the associated pump's strainer due to marine growth in the service water intake bays. This resulted in six failures in twelve months.

This finding is greater than minor because it resulted in an increase in the likelihood of loss of nuclear and conventional service water initiating events. In addition, the finding affected the operability, availability, and reliability of the nuclear and conventional service water pumps. The finding is of very low safety significance because redundancy existed in the nuclear and conventional service water systems and the relatively short duration of unavailability of the pumps.

Inspection Report# : [2003005\(pdf\)](#)

---

### Barrier Integrity

---

### Emergency Preparedness

---

### Occupational Radiation Safety

---

### Public Radiation Safety

---

## Physical Protection

---

## Miscellaneous

**Significance:** N/A Nov 21, 2003

Identified By: NRC

Item Type: FIN Finding

### **PROBLEM IDENTIFICATION & RESOLUTION INSPECTION RESULTS**

The licensee was effective at identifying problems at a low threshold and entering them into the corrective action program. The licensee prioritized issues and performed adequate evaluations that were technically accurate and of sufficient depth. Corrective actions developed and implemented for problems were appropriate for the safety-significance of the issue. The licensee's self-assessments and audits were effective in identifying deficiencies. Based on discussions conducted with licensee employees and a review of station activities, the inspectors did not identify any reluctance to report safety concerns.

Inspection Report# : [2003009\(pdf\)](#)

Last modified : May 05, 2004