

Beaver Valley 1

2Q/2010 Plant Inspection Findings

Initiating Events

Mitigating Systems

Significance: **G** Sep 15, 2009

Identified By: NRC

Item Type: NCV NonCited Violation

PERSONNEL FAILURE TO DEMONSTRATE THAT 10CFR 50.65(a)(2) PERFORMANCE OF CONTAINMENT ISOLATION VALVE LIMIT SWITCHES WAS EFFECTIVELY CONTROLLED THROUGH PERFORMANCE OF APPROPRIATE PREVENTATIVE MAINTENANC

The inspectors identified an NCV of very low significance (Green) of 10CFR 50.65 (a)(2), "Requirements for Monitoring the Effectiveness of Maintenance at Nuclear Power Plants, " due to FENOC personnel's failure to demonstrate that the 10 CFR 50.65(a)(2) performance of the containment isolation vlve limit switches was effectively controlled through the performance of appropriate preventative maintenance. Specifically, as evidenced by repeat dual position indications of containment isolation valves in the control room between 2007 and 2009 resulting in 21 unplanned entries into Technical Specification 3.6.3, the containment isolation valve system 10 CFR 50.65(a)(2) performance demonstration was no longer justified in accordance with Maintenance Rule implementing procedure guidance. This should have resulted in placement of the containment isolation valve system in 10CFR 50.65(a)(1) for goal setting and monitoring. FENOC entered this issue into the CAP (CR 09-64040).

The inspectors determined the finding was more than minor because it is associated with the Equipment Performance attribute of the Mitigating Systems cornerstone and adversely affected the cornerstone objective of ensuring the reliability of systems that respond to initiating events to prevent undesirable consequences. the finding was determined to be of very low significance (Green) because the finding did not result in a loss of system safety function, and did not screen as potentially risk significant due to external initiating events. the inspectors determined that this finding had a cross-cutting aspect in the "Corrective Action Program" component of the Problem Identification and Resolution cross-cutting area because FENOC did not take appropriate corrective actions to address safety issues and adverse trends associated with faulty containment isolation valve limit switches in a timely manner, commensurate with their safety significance and complexity [P.1(d)].

Inspection Report# : [2009008](#) (*pdf*)

Barrier Integrity

Emergency Preparedness

Occupational Radiation Safety

Public Radiation Safety

Physical Protection

Although the NRC is actively overseeing the Security cornerstone, the Commission has decided that certain findings pertaining to security cornerstone will not be publicly available to ensure that potentially useful information is not provided to a possible adversary. Therefore, the [cover letters](#) to security inspection reports may be viewed.

Miscellaneous

Significance: N/A Sep 03, 2009

Identified By: NRC

Item Type: FIN Finding

Beaver Valley 2009 Biennial PI&R Inspection Summary

The inspectors concluded that FENOC was, in general, effective in identifying, evaluating, and resolving problems. Beaver Valley personnel identified problems at a low threshold and entered them into the Corrective Action Program (CAP). The inspectors determined that Beaver Valley personnel screened issues appropriately for operability and reportability, and prioritized issues commensurate with the safety significance of the problems. Root and apparent cause analyses appropriately considered extent of condition, generic issues, and previous occurrences. The inspectors determined that corrective actions addressed the identified causes and were typically implemented in a timely manner. However, the inspectors noted one NCV of very low safety significance in the area of prioritization and evaluation of issues. This issue was entered into FENOC's CAP during the inspection.

FENOC's audits and self-assessments reviewed by the inspectors were thorough and probing. Additionally, the inspectors concluded that FENOC adequately identified, reviewed, and applied relevant industry operating experience (OE) to the Beaver Valley Power Station. Based on interviews, observations of plant activities, and reviews of the CAP and the Employees Concerns Program (ECP), the inspectors did not identify any concerns with site personnel willingness to raise safety issues, nor did the inspectors identify conditions that could have had a negative impact on the site's safety conscious work environment (SCWE).

Inspection Report# : [2009008](#) (*pdf*)

Last modified : September 02, 2010