

Catawba 1 4Q/2013 Plant Inspection Findings

Initiating Events

Mitigating Systems

Significance: G Sep 30, 2013

Identified By: Self-Revealing

Item Type: FIN Finding

Inadvertent operation of the Unit 1 standby makeup pump

A self-revealing finding was identified for inadvertent operation of the Unit 1 Standby Makeup Pump (SMP) during the performance of a job performance measure (JPM). The licensed operator performing the JPM operated plant equipment which was contrary to procedural requirement to only simulate equipment operation.

The inspectors determined that operation of plant equipment during the performance of a JPM was a performance deficiency (PD). The PD was more than minor because it was associated with the Mitigating Systems attribute of Equipment Performance and adversely affected cornerstone objective because the SMP was unavailable to perform its safety function during unplanned testing and maintenance. The finding was determined to be of very low safety significance (Green), based on the results of a detailed risk assessment and an external events. The finding was not assigned a cross cutting aspect because the PD resulted from an isolated human performance error. (Section 40A3)

Inspection Report# : [2013004](#) (*pdf*)

Significance: G May 24, 2013

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to Identify and Correct Deficiencies in the Emergency Lighting System Preventive Maintenance Program

The inspectors identified a Green non-cited violation (NCV) of 10 CFR Part 50.65, Maintenance Rule, for the licensee's failure to identify and correct deficiencies in the 8-hour emergency light preventive maintenance program. The licensee entered the issues into their corrective action program as PIPs-C-13-03973, C-13-00996, C-13-03536 and C-13-03537. The deficiency will be mitigated by the operator's use of flashlights until the deficiencies are corrected.

The licensee's failure to identify and correct deficiencies in the emergency light preventive maintenance program was a performance deficiency. The performance deficiency was more than minor because it adversely affected the Mitigating Systems cornerstone of protection against external events. Specifically, the high failure rate of emergency light testing resulted in a lack of reasonable assurance that adequate lighting would be available during fire events. The inspectors determined the finding to be of very low safety significance (Green) because the inspectors noted that operators were required to obtain and carry flashlights. The inspectors identified a cross-cutting aspect in the corrective action program component of the problem identification and resolution area. [P.1(b)]

Inspection Report# : [2013007](#) (*pdf*)

Barrier Integrity

Significance:  Jun 30, 2013

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to inspect control room door seal

•Green: An NRC-identified non-cited violation (NCV) of Technical Specifications, 5.5.16, Control Room Envelope Habitability Program, was identified for failure to implement and maintain all provisions of the program. The seals on the control room doors were not being inspected and maintained as required.

The performancy deficiency was more than minor because, if left uncorrected, the seals could continue to degrade and challenge the control room habitability envelope. The finding was of very low safety significance (Green) because the lack of control room door seal inspections only represented a degradation of the radiological barrier function provided for the control room. The cause of this finding was related to the cross cutting-aspect of providing complete, accurate and up-to-date design documentation, procedures, and work packages of the Human Performance cross-cutting area because the necessary procedures and work packages were inadequate to assure compliance with the licensee's Control Room Envelope Habitability Program. [H.2.c]

Inspection Report# : [2013003](#) (*pdf*)

Emergency Preparedness

Occupational Radiation Safety

Public Radiation Safety

Security

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page. Therefore, the [cover letters](#) to security inspection reports may be viewed.

Miscellaneous

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