

Catawba 2

4Q/2013 Plant Inspection Findings

Initiating Events

Significance: G Dec 31, 2013

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to Adequately Control Transient Combustible Materials in Accordance with the Fire Protection Program

An NRC-identified NCV of the Fire Protection Program (FPP) required by 10 CFR 50.48 and License Condition 2.C.5, was identified for failing to adequately implement transient combustible controls. Transient combustible material stored adjacent to the B rod control motor generator (MG) set and in front of a manual hose station was not in an established housekeeping area, and was not evaluated for acceptability by the site fire protection engineer (FPE) as required by the FPP specified procedure, Nuclear System Directive NSD-313, Control of Combustible and Flammable Material.

The failure to control transient combustibles in the Unit 2 electrical penetration room in accordance with NSD-313 was a performance deficiency. The performance deficiency was more than minor because if left uncorrected it could lead to a more significant safety concern in that an electrical fault in the adjacent MG set panel could ignite the combustibles which could lead to additional damage to rod control wiring and a potential plant transient. The finding was determined to be of very low safety significance (Green) as the combustibles did not meet the criteria requiring a phase 2 or 3 analysis as described in IMC 0609, Appendix G, Attachment 1, Checklist 2. This finding had a cross cutting aspect in the Resources component of the area of Human Performance because the personnel involved were not adequately trained in the procedural requirements of NSD-313 (H.2(b)).

Inspection Report# : [2013005](#) (*pdf*)

Mitigating Systems

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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