

## North Anna 2

# 1Q/2004 Plant Inspection Findings

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## Initiating Events



**Significance:** May 23, 2003

Identified By: NRC

Item Type: NCV NonCited Violation

### **Failure to Demonstrate the Fire Resistance Rating of 3-Hour Duct Wrap**

The fire barrier wrap system installed for 3-hour protection of a main control room (MCR) exhaust duct routed through the Unit 2 Normal Switchgear Room (NSR) had an indeterminate fire resistance rating instead of the required three hours. The fire barrier wrap system had not been specifically determined through testing nor evaluated as being bounded by the referenced test configuration.

This was identified as a non-cited violation of 10 CFR 50.48 and License Condition 2.D. This finding is greater than minor because it degraded the ability to meet the mitigating systems cornerstone objective. The finding is considered to have very low safety significance because the fire detection, automatic suppression, and manual suppression for the Unit 2 NSR fire area met the conditions of the licensing basis; a fire damper rated as a 3-hour fire barrier is located in the ventilation duct where it enters the MCR; and no equipment or cable for systems required for safe plant shutdown are located in the fire areas.

Inspection Report# : [2003006\(pdf\)](#)

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## Mitigating Systems

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## Barrier Integrity

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## Emergency Preparedness



**Significance:** Sep 27, 2003

Identified By: NRC

Item Type: NCV NonCited Violation

### **Failure to classify and declare an Notification of Unusual Event as required by 10 CFR 50.54(q), 50.47(b)(4), and Section IV.B of Appendix E of 10 CFR 50**

The inspectors identified a non-cited violation of 10 CFR 50.54(q), 50.47(b)(4), and Section IV.B of Appendix E of 10 CFR 50. On June 27, 2003, the licensee failed to classify and declare an Notification of Unusual Event in accordance with emergency plan implementing procedures following the unplanned release of a toxic gas which could affect safety of station personnel.

The finding is greater than minor because it affected the Emergency Preparedness Cornerstone objective of ensuring the emergency response organization's performance to implement adequate measures to protect public health and safety during an emergency. The finding is associated with a risk significant planning standard and determined to be of very low safety significance using Manual Chapter 0609, Appendix B "Emergency Preparedness Significance Determination Process," Sheet 2 which specifies that failure to declare an Notification of Unusual Event is Green.

Inspection Report# : [2003004\(pdf\)](#)

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## Occupational Radiation Safety

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## **Public Radiation Safety**

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## **Physical Protection**

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## **Miscellaneous**

Last modified : May 05, 2004