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Applications and Amendments to Facility Operating Licenses and Combined Licenses Involving No Significant Hazards Considerations

Comment On: NRC-2015-0142-0001

Biweekly Notice: Applications and Amendments to Facility Operating Licenses and Combined Licenses Involving No Significant Hazards Considerations

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6/9/2015

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80 FR 32624

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RULES AND DIRECTIVES
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 LEADS

General Comment

Docket Nos. 50-338 and 50-339, North Anna Power Station, Units 1 and 2, Louisa County, Virginia

Brief description of amendment: The license amendments approve changes to the Technical Specification (TS) TS 3.1.7, Rod Position Indication, to provide an additional monitoring option for an inoperable control rod position indicator. Specifically, the proposed changes would allow monitoring of control rod drive mechanism stationary gripper coil voltage every eight hours as an alternative to using the movable in core detectors every eight hours to verify control rod position.

The NRC always states there are many layers of protection, yet the NRC seem to be allowing for more and more compromises.

Reliability and accuracy of the information for the control rod position is very important to the reactor safety as well as the design of the core protection system.

The position indicator is classified as a Class 1E component because the rod position signal of the position indicator is used in the safety related systems. Therefore it will be separated from the control systems to the extent that a failure of any single control system component of a channel and will have sufficient independence, redundancy, and

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testability to perform its safety functions assuming a single failure.

How long has the equipment been inoperable?

This document is dated February 14, 2013

NORTH ANNA POWER STATION, UNIT NO.2, ISSUANCE OF AMENDMENT
FOR TEMPORARY CHANGE TO ALLOW TWO INOPERABLE DEMAND
POSITION INDICATORS PER CONTROL BANK (TAC NO. ME8656)

Dear Mr. Heacock:

The U.S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 251 to
Renewed Facility Operating License No. NPF-7 for the North Anna Power Station, Unit NO.2.

The

amendment consists of changes to the Technical Specifications (TSs) in response to your
application dated May 11, 2012.

The amendment revises the TS 3.1.7, "Rod Position Indication" to allow two demand position
indicators in one or more banks to be inoperable for up to 4 hours. This change is proposed as
a temporary change to the TS for the current operating cycle and is proposed as a footnote to the
current TS Limiting Condition for Operation (LCO) Section 3.1.7, Condition D

<http://pbadupws.nrc.gov/docs/ML1303/ML13032A154.pdf>

May 1, 2015

<http://www.nucpros.com/content/nrc-accepts-north-annas-alternate-control-rod-position-monitoring-ts-change>

It was less than a year ago that during refueling, 2 broken fuel rods were discovered. Perhaps this
is related.

DESCRIPTION OF THE EVENT

At 0900 on September 15, 2014, with Unit 2 defueled, debris that had the potential to be
fuel fragments was located on the core plate (EIS System - AC) directly below the B1 1
core location. Ten pieces of material, approximately 1/8" in diameter, were found. The
material was near the edge of the outer flow hole and partially under the gap between
the baffle plate and the core plate. Fuel assembly (EIS System -AC) 4Z9 was located
at the B131 location during Cycle 23. Video inspection of fuel assembly 4Z9 identified
that the top springs of two fuel pins were dislodged.

<http://pbadupws.nrc.gov/docs/ML1432/ML14325A692.pdf>

Dominion should have to fix inoperable equipment, not be given more amendments!