

September 3, 2004

LICENSEE: Virginia Electric and Power Company (VEPCO)

FACILITY: North Anna and Surry Power Stations, Unit 1 and 2

SUBJECT: SUMMARY OF AUGUST 4, 2004, MEETING WITH VEPCO ON TOPICAL REPORT DOM-NAF-2 (TAC NOS. MC3904, MC3905, MC3906, AND MC3907)

On August 4, 2004, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of VEPCO at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of this meeting was to discuss VEPCO's proposed submittal of Topical Report DOM-NAF-2, "Reactor Core Thermal-Hydraulics Using the VIPRE-D Computer Code." VEPCO plans to submit this topical report for NRC staff approval in order to implement the VIPRE-D Code at North Anna and Surry Power Stations. A list of attendees is provided as Attachment 1.

The licensee presented information [See The Agencywide Documents Access and Management System (ADAMS) accession number ML042180089]. In its presentation, VEPCO stated that it currently uses the COBRA Code as its thermal-hydraulics code at North Anna and Surry. VEPCO indicated that it wishes to replace the COBRA Code with the VIPRE-D Code as its thermal-hydraulics code. This would provide VEPCO with an industry standard that is applicable to the Westinghouse and Framatome fuels being used at North Anna and Surry. Because VIPRE-D is a deviation from the NRC staff-approved VIPRE Code, the NRC staff will need to approve of VIPRE-D. Due to the differences between the VIPRE and VIPRE-D Codes, the NRC staff requested that VEPCO provide the following information in its proposed topical report:

1. A discussion on the differences between the VIPRE 01 modification 2.0 and VIPRE 01 modification 2.1;
2. A discussion of the models, assumptions, and parameters of interest;
3. A list of transients that will be impacted by this topical report;
4. Qualification comparisons for VIPRE-D and other codes; and
5. A state point for the transients along with the bounding values.

VEPCO agreed with the NRC staff's comments and indicated it would incorporate them as part of Topical Report DOM-NAF-2.

Members of the public were not in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to Stephen Monarque, project manager, at 301-415-1544, or SRM2@nrc.gov.

/RA/

Stephen Monarque, Project Manager, Section 1
Project Directorate II
Division of Licensing project management
Office of Nuclear Reactor Regulation

Docket Nos. 50-280, 50-281,
50-338, and 50-339

Attachments:

1. List of Attendees
2. ADAMS accession number ML042180089

cc w/atts: See next page

CONTACT: Stephen Monarque
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Please direct any inquiries to Stephen Monarque, project manager, at 301-415-1544, or SRM2@nrc.gov.

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NAME	SMonarque	EDunnington	MJRoss-Lee
DATE	8/31/2004	8/31/2004	9/2/2004

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ATTENDEES - MEETING ON AUGUST 4, 2004
DISCUSSION OF TOPICAL REPORT DOM-NAF-2

NAME

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