

Mr. J. P. O'Hanlon  
Senior Vice President - clear  
Virginia Electric and Power Company  
5000 Dominion Blvd.  
Glen Allen, Virginia 23060

April 13, 1999

SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2, AND SURRY POWER STATION, UNITS 1 AND 2 - REACTOR VESSEL FLUENCE ANALYSIS METHODOLOGY (GENERIC LETTER 92-01, REVISION 1, SUPPLEMENT 1) (TAC NOS. MA0555, MA0556, MA0576, AND MA0577)

Dear Mr. O'Hanlon:

The purpose of this letter is to approve your proposed Reactor Vessel Fluence Analysis Methodology for referencing in licensing actions for North Anna Power Station, Units 1 and 2, and Surry Power Station, Units 1 and 2.

In your letter dated June 18, 1998, you submitted information and requested approval of your proposed reactor vessel fluence analysis methodology described in the topical report VEP-NAF-3, Reactor Vessel Fluence Analysis Topical Report. Our approval of this methodology is subject to the following limitations:

4. it is applicable only to the Surry and North Anna plants;
5. if the assumed load factor of 0.90 changes and the method is used for the estimation of projected fluence values, the value of the load factor will be adjusted accordingly; and
6. the licensee will assure compliance with draft regulatory guide DG-1053 when it is published in its final form.

Our safety evaluation of the proposed methodology is enclosed. Any questions may be directed to G. E. Edison at 301-415-1448 or to N. Kalyanam at 301-415-1480.

Sincerely,

Sincerely,

Original signed by:

Original signed by:

Gordon E. Edison, Sr. Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

N. Kalyanam, Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

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

Enclosure: As stated

Distribution:  
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cc w/encl: See next page

FILE NAME - G:\SURRY\0576LTR.WPD

OFFICE	PM:PDII <i>lah</i>	PM:PDII <i>kal</i>	LA:PDII <i>eds</i>	SC:PDII
NAME	GEdison:ch	NKalyanam	EDunnington	REmch <i>RE</i>
DATE	4/16/99	4/17/99 <sup>ed</sup>	4/16/99	4/17/99
COPY	(Yes/No)	(Yes/No)	(Yes/No)	(Yes/No)

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Senior Vice President - Nuclear  
Virginia Electric and Power Company  
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Sincerely,

Handwritten signature of Gordon E. Edison, Sr.

Gordon E. Edison, Sr. Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Sincerely,

Handwritten signature of N. Kalyanam.

N. Kalyanam, Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

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

Enclosure: As stated

cc w/encl: See next page

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Distribution for letter dated April 13, 1999

Docket File

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