

June 7, 1994

Docket Nos. 50-338
and 50-339

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

Dear Mr. O'Hanlon:

SUBJECT: INSTRUMENTATION TO FOLLOW THE COURSE OF AN ACCIDENT (REGULATORY
GUIDE 1.97) NORTH ANNA POWER STATION, UNITS 1&2 (NA-1&2) (TAC NOS.
M51110 AND M51111)

Section 6.2 of Generic Letter 82-33 requested licensees to provide a report on their implementation of Regulatory Guide 1.97 (Revision 2), including methods for complying with the Commission's regulations and supporting technical justification for any proposed alternatives or deviations. A large number of requests were received from pressurized water reactor licensees asking for deviation from the Category 2 criteria for containment sump water temperature monitoring instrumentation. Prior to 1987, these requests were denied by the staff. Since then, these requests have been considered as an open item until a generic resolution could be found.

The staff has reviewed the bases for these requests and has concluded that containment cooling status can be determined through alternative means to direct reading of containment sump water temperature. The alternative means include either Category 2 recirculation spray heat exchanger inlet or outlet temperature. A copy of the Safety Evaluation detailing the acceptability of these alternatives is enclosed.

If you have any questions regarding this issue, please do not hesitate to contact me at (301) 504-1480.

Sincerely,
(Original Signed By)
Leon B. Engle, Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure: As stated	<u>Distribution</u>		
	Docket File	LEngle	JWermiel
cc w/enclosure: See next page	PDII-2 RF	ETana	AHansen
	SVarga	OGC	BMarcus
	GLainas	DVerelli, RII	ACRS (10)
	HBerkow	NRC & Local PDRs	

OFFICE	LA:PDII-2	PM:PDII-2	HIGB	D:PDII-2	
NAME	ETana <i>ETT</i>	LEngle <i>LBE</i>	JWermiel <i>JW</i>	HBerkow	
DATE	06/7/94	06/7/94	06/7/94	06/7/94	

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Mr. J. P. O'Hanlon
Virginia Electric & Power Company

North Anna Power Station
Units 1 and 2

cc:

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