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SUBJECT: Forwards calculation to support proposed rev to facility low temp overpressurization protection setpoint,submitted in 901029 ltr,in response to TG Colburn request.

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AEP:NRC:0894Q

Donald C. Cook Nuclear Plant Unit 1
Docket No. 50-315
License No. DPR-58
TECHNICAL SPECIFICATION CHANGE REQUEST
CALCULATION TO SUPPORT LTOP SETPOINT

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Attn: T. E. Murley

June 18, 1991

Dear Dr. Murley:

This letter and its attachment have been prepared in response to a request by Mr. T. G. Colburn of your staff for a copy of the calculation that supports the proposed revision to the Donald C. Cook Nuclear Plant Unit 1 low temperature overpressurization protection (LTOP) setpoint submitted in our letter AEP:NRC:08940 dated October 29, 1990. A copy of this calculation is attached to this letter.

Attachment 2 to this letter contains a copy of three of the four documents referenced in the above-noted calculation. Specifically, Attachment 2 contains the following:

1) An AEPSC internal memorandum that states that the methodology used to calculate the Unit 2 LTOP setpoint is also applicable to Unit 1,

2) A Westinghouse report entitled, "D. C. Cook Unit 2 Low Temperature Overpressure Protection System (LTOPS) Setpoint Evaluation," dated June 1989, and

3) The applicable portion of the Westinghouse instruction and operating book entitled, "Controlled Leakage Seal Reactor Coolant Pump Model W-11001-B1 (PP-045)."

The fourth document referenced by the subject calculation is WCAP-12483 dated January 1990. This document is not included as part of this letter as it has been previously provided (reference our letter AEP:NRC:0894M dated June 22, 1990).

A001

This document has been prepared following Corporate procedures that incorporate a reasonable set of controls to ensure its accuracy and completeness prior to signature of the undersigned.

Sincerely,

E. E. Fitzpatrick
Vice President

eh

Attachments

cc: D. H. Williams, Jr.
A. A. Blind - Bridgman
J. R. Padgett
G. Charnoff
NFEM Section Chief
A. B. Davis - Region III
NRC Resident Inspector - Bridgman

ATTACHMENT 1 TO AEP:NRC:0894Q

CALCULATION TO SUPPORT THE UNIT 1 LTOP SETPOINT CHANGE