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MURLEY, T. E. Document Control Branch (Document Control Desk)

SUBJECT: Forwards WCAP-13517, "Evaluation of PTS for DC Cook Unit 2."
Analysis revised to consider results of surveillance
Capsule U analysis contained in WCAP-13515.

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AEP:NRC:0561F
10 CFR 50.61

Donald C. Cook Nuclear Plant Unit 2
Docket No. 50-316
License No. DPR-74
UPDATED REFERENCE TEMPERATURE AND
PRESSURIZED THERMAL SHOCK ANALYSES

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

Attn: T. E. Murley

April 12, 1993

Dear Dr. Murley:

This submittal is made pursuant to the requirements of 10 CFR 50.61, "Fracture Toughness Requirements for Protection Against Pressurized Thermal Shock Events." The attachment to this letter is Westinghouse WCAP-13157, "Evaluation of Pressurized Thermal Shock for D. C. Cook Unit 2". The analysis was revised to consider the results of the surveillance Capsule U analysis contained in the WCAP-13515 report (see our submittal letter AEP:NRC:0894T dated March 12, 1993). The WCAP-13515 report concludes that for Cook Nuclear Plant, Unit 2, all the RT_{TS} values for the reactor vessel material remain below the NRC screening values for the present time and up to 32 effective full power years (EFPY) of operation.

Sincerely,

E. E. Fitzpatrick
Vice President

dgr

Attachment

cc: A. A. Blind - Bridgman
G. Charnoff
NFEM Section Chief
J. R. Padgett
A. B. Davis - Region III
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Dr. T. E. Murley

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