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 FACIL:50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH.NAME AUTHOR AFFILIATION
 COPELAND,R.A. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.)
 RECIP.NAME RECIPIENT AFFILIATION
 WIGGINTON,D.L. Operating Reactors Branch 1

SUBJECT: Forwards proprietary draft, "DC Cook Unit 2 Cycle 5 5%
 Steam Generator Tube Plugging Limiting Break LOCA-ECCS
 analysis:K(Z) Curve," Rept withheld.

SEE SUBJECT FILES FOR REPORT

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April 3, 1985
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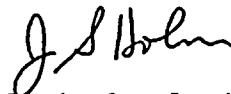
Mr. D.L. Wigginton
Operating Reactors Branch #1
Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
7920 Norfolk Ave.
Bethesda, MD 20014

Dear Mr. Wigginton:

Enclosed are five copies of a draft report entitled "Donald C. Cook Unit 2 Cycle 5 5% Steam Generator Tube Plugging Limiting Break LOCA-ECCS Analysis: K(z) Curve" which applies the recollection results of the report XN-NF-85-20(P). The report XN-NF-85-20(P) "Modification of the EXEM/PWR FLECHT Based Reflood Quench and Heat Transfer Correlations for D.C. Cook Unit 2," has been submitted formally to H.R. Denton of the U.S. NRC. It is planned to submit a final version of this draft on or before April 26, 1985. The analysis presented in the draft report supports an axially dependent F_q limit for which the D.C. Cook Unit 2 plant could operate to in conformance to 10 CFR 50.46.

If there are questions, regarding this transmittal, please contact Mr. James G. Feinstein of AEPSC at (614) 233-2040.

Sincerely,



R. A. Copeland
Reload Licensing

naa

cc: Mr. David Moran (NRC)
Mr. M.P. Alexich (AEPSC)

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