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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME AUTHOR AFFILIATION
 CHANDLER, J.C. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.)
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards Proprietary addl info re DC Cook Unit 2 Cycle 5
 LOCA ECCS analysis, per 840302 ltr. Info withheld
 (ref 10CFR2.790).

SEE PROP. REPTS.

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EXXON NUCLEAR COMPANY, Inc.

2101 Horn Rapids Road
P. O. Box 130, Richland, Washington 99352
Phone: (509) 375-8100 Telex: 15-2878

May 7, 1984

JCC:076:84

Donald C. Cook Nuclear Plant Unit No. 2
Docket No. 50-316
License No. DPR-74
ADDITIONAL INFORMATION REGARDING
UNIT 2 CYCLE 5 LOCA ECCS ANALYSIS

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Reference: Letter, J.C. Chandler (ENC) to H.R. Denton (NRC), "Supporting Documentation for Unit 2 Technical Specification Changes for Cycle 5 Reload," dated March 2, 1984 (JCC:040:84)

Dear Mr. Denton:

Enclosed for your use are five copies of Exxon Nuclear's response to the request for additional information generated during the NRC Staff review of the LOCA ECCS analysis performed by Exxon Nuclear in support of Cycle 5 operation of the D.C. Cook Nuclear Plant, Unit No. 2. At the request of American Electric Power Service Company (AEPSC), this information is being transmitted directly by Exxon Nuclear. This information has been reviewed and approved by AEPSC.

Exxon Nuclear Company considers information contained in the enclosed report to be proprietary. In accordance with the Commission's Regulation 10 CFR 2.790(b), the Affidavit enclosed with the reference letter covering the transmittal of the LOCA ECCS analysis, XN-NF-84-21(P), provides the necessary information to support the withholding of this response from public disclosure. A non-proprietary version of the enclosed report is in preparation and will be forwarded separately for your use.

If you have any questions about this submission, please contact Mr. James G. Feinstein of AEPSC at (614) 223-2040.

Sincerely,

J.C. Chandler

J. C. Chandler, Lead Engineer
Reload Fuel Licensing

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Enclosures

CC: Mr. D. L. Wigginton (USNRC)
Mr. M. P. Alexich (AEPSC)

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