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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
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 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 nonproprietary version of Rev 2 to XN-NF-84-21,  
 "DC Cook Unit 2, Cycle 5, 590 Steam Generator Tube Plugging  
 Limiting Break LOCA/ECCS Analysis," per American Electric  
 Power Svc Co request.

SEE EXXON REPTS.

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## NOTES:

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1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for the company's financial health and for providing reliable information to stakeholders.

2. The second part of the document outlines the procedures for handling customer inquiries. It states that all inquiries should be handled promptly and professionally, and that the company should strive to provide excellent customer service at all times.

3. The third part of the document discusses the company's commitment to environmental sustainability. It states that the company will continue to invest in green technologies and practices to reduce its carbon footprint and to protect the environment.

4. The fourth part of the document discusses the company's commitment to social responsibility. It states that the company will continue to support various social and environmental causes and to engage with the community in a meaningful way.

5. The fifth part of the document discusses the company's commitment to employee development. It states that the company will continue to invest in training and development programs to help its employees grow and advance in their careers.

6. The sixth part of the document discusses the company's commitment to transparency. It states that the company will continue to provide clear and concise information about its operations and financial performance to its stakeholders.

7. The seventh part of the document discusses the company's commitment to innovation. It states that the company will continue to invest in research and development to create new products and services that meet the needs of its customers.

8. The eighth part of the document discusses the company's commitment to risk management. It states that the company will continue to identify and assess risks to its operations and to implement effective measures to mitigate those risks.

9. The ninth part of the document discusses the company's commitment to ethical behavior. It states that the company will continue to uphold the highest standards of ethical conduct in all of its business dealings.

10. The tenth part of the document discusses the company's commitment to long-term success. It states that the company will continue to focus on its core business and to work hard to achieve its long-term goals.

**EXXON NUCLEAR COMPANY, Inc.**

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August 7, 1984  
JCC:110:84

Donald C. Cook Nuclear Plant Unit No. 2  
Docket No. 50-316  
License No. DPR-74  
REVISED LOCA ECCS ANALYSIS FOR  
UNIT 2 CYCLE 5 OPERATION

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 fifteen copies of the non-proprietary version of Revision 2 to XN-NF-84-21, "Donald C. Cook Unit 2 Cycle 5 5% Steam Generator tube Plugging Limiting Break LOCA ECCS Analysis." At the request of American Electric Power Service Company (AEPSC), this information is being transmitted directly by Exxon Nuclear. Forty-one (41) copies of the proprietary version of this report were transmitted to you by my letter dated July 27, 1984 (JCC:106:84).

If you have any questions about this submission, please contact Mr. James G. Feinstein of AEPSC at (614) 233-2040.

Sincerely,

*J.C. Chandler for*

J.C. Chandler, Lead Engineer  
Reload Fuel Licensing

GFO:naa

cc: Mr. D.L. Wigginton (NRC)  
Mr. M.P. Alexich (AEPSC)

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AN AFFILIATE OF EXXON CORPORATION