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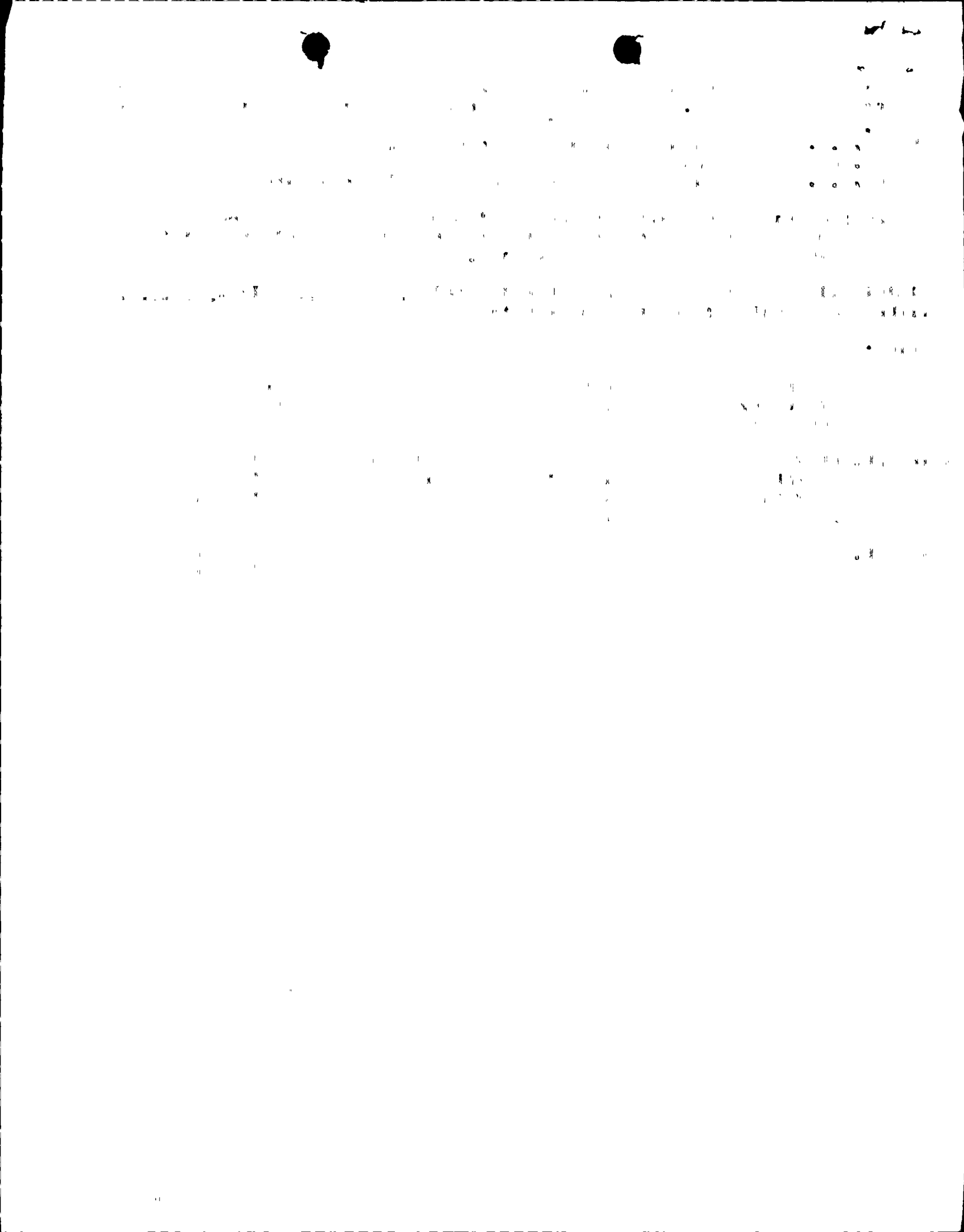
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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
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 HUNTER, R.S. Indiana & Michigan Electric Co.
 RECIPI. NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Clarifies submittal schedule of analyses re completion of
 all American Electric Power Svc Corp & EXXON Nuclear Co info
 in support of Cycle 4 operation.

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September 8, 1982
AEP:NRC:0637D

Donald C. Cook Nuclear Plant Unit No. 2
Docket No. 50-316
License No. DPR-74
UNIT 2 CYCLE 4 EXXON NUCLEAR COMPANY (ENC) SUBMITTAL SCHEDULING

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

Dear Mr. Denton:

On August 5, 1982, representatives of American Electric Power Service Corporation (AEPSC) and Exxon Nuclear Company (ENC) met with members of the NRC Staff to discuss the D. C. Cook Unit 2 Cycle 4 reload application. The meeting summary memorandum was issued on August 11, 1982 and established the target date of September 30, 1982 for completion of all AEP and ENC document submittals in support of Cycle 4 operation. With the exception of certain ENC analyses which are currently in progress, we concur with this target date. The purpose of this letter is to clarify the submittal schedule for these analyses.

As a result of an issue raised by another fuel supplier in 1981, an additional LOCA analysis is being performed with ENC's EXEM/PWR evaluation model to calculate peak cladding temperature with both ECCS low pressure injection pumps (RHR pumps) in operation. The requirement to address this issue was expressed by the NRC at the August 5 meeting but no date for submittal was established. We will submit the results of this additional analysis to the NRC Staff by November 1, 1982.

A requirement to re-evaluate the current radiological assessment of Unit 2 operation if fuel exposure and/or power are increased was also identified at the August 5 meeting. The additional scope of the required re-evaluation is currently under review. No submittal date was suggested at the meeting. However, analyses to support Cycle 4 operation involving this issue are currently expected to be submitted by October 11, 1982.

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1. The first part of the report is devoted to a general survey of the situation in the country.

2. The second part of the report is devoted to a detailed analysis of the economic situation.

3. The third part of the report is devoted to a detailed analysis of the social situation.

4. The fourth part of the report is devoted to a detailed analysis of the political situation.

5. The fifth part of the report is devoted to a detailed analysis of the cultural situation.

ENC agreed to use D. C. Cook Unit 2 for the example calculations using their automated cross-flow model at the August 5 meeting. The additional work scope associated with this effort was identified at the meeting as requiring additional time. The limiting transients re-evaluated with the automated cross-flow model and documentation of the automated cross-flow model will be submitted by October 8, 1982.

This document has been prepared following Corporate Procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,



R. S. Hunter
Vice President

/os

cc: John E. Dolan - Columbus
M. P. Alexich
R. W. Jurgensen
W. G. Smith, Jr. - Bridgman
R. C. Callen
G. Charnoff
Joe Williams, Jr.
NRC Resident Inspector at Cook Plant - Bridgman

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a formal communication, and it is written in a very formal style. The President is addressing the Congress, and he is talking about the state of the Union. He is talking about the progress of the country, and he is talking about the challenges that the country is facing. He is also talking about the future of the country, and he is giving his advice to the Congress.

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2. THE STATE OF TEXAS)
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) certify that the foregoing is a
) true and correct copy of the
) original of the same as the same
) is on file in my office.