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Per ltr of 780913 from A Schwencer, presents sched for submittal of  
rev ECCS analyses for subj facils. WE has already performed reanalysis  
for 050-316. 050-315 will be removed from area of concern addressed in ltr.

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ECCS 60

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NEW YORK, N. Y. 10004

REGULATORY DOCKET FILE COPY

October 25, 1978  
AEP:NRC:00091

Donald C. Cook Nuclear Plant Unit Nos. 1 & 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74  
Scheduled Dates For The Submittal Of The Revised ECCS Analyses

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

Dear Mr. Denton:

This letter is in response to Mr. A. Schwencer's letter dated September 13, 1978 in which he requested our schedule for the submittal of revised ECCS analyses for Units 1 and 2 of the Donald C. Cook Nuclear Plant. These re-analyses were required to correct a logical inconsistency observed in the Zirconium water heat generation model of the Westinghouse Appendix K (October, 1975) ECCS Evaluation Model.

The Westinghouse Electric Corporation has already performed such a reanalysis for Unit 2 of the above captioned plant. This reanalysis was performed utilizing the corrected Westinghouse "October 1975" ECCS Evaluation Model and it contained the necessary corrections to account for the errors addressed in Mr. Schwencer's letter. This revision to the Westinghouse "October 1975" ECCS Evaluation Model was approved by the Nuclear Regulatory Commission on August 29, 1978. The results of the reanalysis, which is now in conformance with the requirements set forth in Appendix K to 10 CFR Part 50, were transmitted to you in our letter dated April 28, 1978.

Unit No. 1 of the Donald C. Cook Nuclear Plant is currently in its third cycle of operation. At the end of the cycle (April 1979) the fuel supplied by the Westinghouse Electric Corporation will be completely removed from this unit. Hence this Unit will be outside the area of concern addressed in Mr. Schwencer's letter. The new fuel vendor, the Exxon Nuclear Corporation, did already perform an independent ECCS analysis for this unit using their fuel. Exxon's ECCS evaluation model and bases for calculation techniques were reviewed by the Nuclear

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Mr. Harold R. Denton, Director

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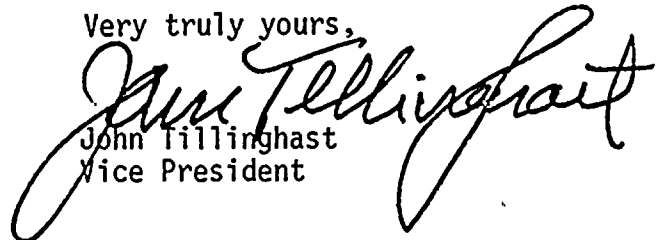
October 25, 1978

Regulatory Commission and ruled to be acceptable.

Furthermore, the Westinghouse Electric Corporation advises us that the earliest date for the submittals of the requested revised ECCS analysis, should they be asked to perform it, would be February 15, 1979. This analysis, by the time it is approved, will not be applicable to the aforesaid unit. In light of the facts presented herein, we request that relief be granted from having to submit the requested Westinghouse reanalysis for Unit No. 1 of the Donald C. Cook Plant.

The matter presented in this letter has been discussed with your staff. During the same discussions the necessary extension for the submittal of this response letter was granted.

Very truly yours,

  
John Tillinghast  
Vice President

JT:em

Sworn and subscribed to before me  
this 25<sup>th</sup> day of October, 1978 in  
New York County, New York

  
Notary Public

JOHN D. SHIMMICK  
Notary Public, State of New York  
No. 31-4334146  
Qualified in New York County  
Commission Expires March 30, 1980

cc: R. Walsh  
R. C. Callen  
P. W. Steketee  
G. Charnoff  
R. J. Vollen  
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