

EXXON NUCLEAR COMPANY, Inc.

POOR ORIGINAL

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July 20, 1979

Mr. T. A. Ippolito, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

SUBJECT: XN-NF-78-44, "A Generic Analysis of the Control Rod Ejection  
Transient for Pressurized Water Reactors," January 1979

References: 1) Letter dated December 15, 1977 from George Lear (NRC) to  
Warren Nechodom (ENC)  
2) Letter dated June 27, 1979 from T. A. Ippolito (NRC) to  
Warren Nechodom (ENC)

Dear Mr. Ippolito:

In Reference 1, the Staff requested Exxon Nuclear Company, Inc. to submit documentation in the form of a Licensing Topical Report which describes methods used to calculate the consequences of a rod ejection accident. The subject report was prepared by Exxon Nuclear in response to this request. As noted in Reference 2, it was submitted by Northern States Power Company in support of operation of the Prairie Island units utilizing Exxon Nuclear supplied fuel. In Reference 2 you suggest that this report be submitted as a topical report for generic review.

In response, we are hereby requesting that you review and approve the subject document, XN-NF-78-44, "A Generic Analysis of the Control Rod Ejection Transient for Pressurized Water Reactors," for generic application. Plants for which this report is applicable are H. B. Robinson Unit 2, D. C. Cook Unit 1, R. E. Ginna, Palisades, Kewaunee, and Prairie Island Units 1 and 2. However, specific plant analyses were performed and submitted for all but Kewaunee and the two Prairie Island units. These separate analyses were accepted by the Staff as adequate bases for authorizing operation of the plants with Exxon Nuclear supplied fuel. Later this year the subject report will be referenced in support of licensing action for the Fort Calhoun plant.

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Please contact me (phone 509-943-8241) if you have further comments or questions regarding this matter.

Sincerely,

G. F. Owsley, Manager  
Reload Licensing

GFO:gf

CC: Mr. J. Hannon (USNRC)

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