

OCT 14 1982

Mr. G. F. Owsley, Manager  
Reload Fuel Licensing  
Exxon Nuclear Company, Inc.  
2101 Horn Rapids Road  
P. O. Box 130  
Richland, Washington 99352

Dear Mr. Owsley:

Subject: Acceptance for Referencing of Topical Report XN-NF-82-07(P)  
Revision 1

The Nuclear Regulatory Commission (NRC) has completed its review of the Exxon Nuclear Company, Inc. (ENC) Licensing Topical Report XN-NF-82-07(P) Revision 1 entitled "Exxon Nuclear Company ECCS Cladding Swelling and Rupture Model." This report summarizes the newly proposed Exxon Nuclear Company cladding swelling and rupture model, the manner in which the model is implemented, and the limitations imposed upon the model. Our safety evaluation report is enclosed.

Based on our review, we conclude the Exxon Nuclear Company cladding swelling and rupture models as described in XN-NF-82-07 Revision 1 are acceptable for use in licensing LOCA Analyses.

As the result of our review, we find that the Exxon Nuclear Company, Inc., licensing topical report number XN-NF-82-07(P) Revision 1 entitled "Exxon Nuclear Company ECCS Cladding Swelling and Rupture Model - Revision 1" dated August 1982 is acceptable for referencing in licensing applications to the extent specified and under the limitations stipulated in the licensing topical report and our safety evaluation enclosed herewith. When the topical report is referenced, the reference must include both the proprietary and non-proprietary versions.

We do not intend to repeat our review of this topical report when it appears as a reference in a particular license application, except to assure that the material presented is applicable to the specific plant involved. Our acceptance applies only to the features described in the topical report.

In accordance with established procedures (NUREG-0990), it is requested that Exxon Nuclear Company, Inc., publish accepted proprietary and non-proprietary versions of the topical report within three months of receipt of this letter. The accepted versions must include this letter and the enclosed evaluation following the title page. The report identification symbols must have a -A suffix.

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Should Nuclear Regulatory Commission criteria or regulations change, such that our conclusions as to the acceptability of the report are invalidated, Exxon Nuclear Company, Inc., and/or the applicants referencing the topical report will be expected to revise and resubmit their respective documentation or submit justification for the continued effective applicability of the topical report without revision of their respective documentation.

Sincerely,

Original Signed by:

Cecil O. Thomas, Acting Chief  
Standardization and Special  
Projects Branch  
Division of Licensing

Enclosure :  
As stated

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DESIGNATED ORIGINAL  
Certified By C. Livingston 10/15/82

OFFICE	SSPB:DL	SSPB:DL	CPE	SSPB:DL		
SURNAME	JBerggren:kab	PAnderson	CBerlinger	COThomas		
DATE	10/13/82	10/13/82	10/14/82	10/14/82		