



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

August 9, 1979

LPDR

Those Listed Below

TOPICAL REPORT DISTRIBUTION

Vendor: Exxon Nuclear Company, Inc.

Report Identification Symbol:

Proprietary _____ (P)
Non-Proprietary _____
Version of (P) XN-NF-512 (NP)

Non-Proprietary
Report _____

Title: XN-3 Critical Power Correlation

New Topical Report _____

Supplemental Information to
Existing Topical Report

Approved Topical Report _____

Date of Incoming Letter 7/20/79

Date Received 8/6/79

This memo is distributed as shown below to inform recipients of the availability of the report. The number of copies, if appropriate, is indicated. Additional or reference copies may be obtained from the Subject File in the Docket Room (Bethesda Bldg. 016).

J. J. Jaspote
Exxon Topical Report
Regulatory Program Manager

DISTRIBUTION:

	P	NP				NP	P
NRC PDR	0	1	<i>1+2</i>	V. Stello	D. Ross	1	<i>1#26</i>
Subject File (Docket File)	2		R. Denise	D. Eisenhut	T. Novak	1	<i>1#27</i>
BTI TERA	0	1	T. Speis	W. Butler	R. Check	3	<i>3#28, 29</i>
NSIC	0	1	D. Skovholt	R. Baer	Z. Rosztoczy	1	<i>1#31</i>
ACRS (<i>#10+1#25</i>)	16	1	R. W. Houston	L. Shao	R. Tedesco	1	<i>1#32</i>
ASLB	0	1	C. Heltemes	B. Grimes	V. Benaroya	1	<i>1#33</i>
ASLAP	0	1	H. Denton	K. Goller	G. Lainas		
SD	<i>#3</i>	1	W. Gammill	T. Carter	T. Ippolito	1	<i>1#34</i>
I&E	<i>#4, 5, 6, 7, 8, 9</i>	2	C. Stepp	A. Schwencer	F. Rosa		
S. Hanauer		1	L. Hulman	D. Ziemann	R. Busnak		
R. DeYoung		1	R. Vollmer	D. Davis			
F. Williams		1	D. Bunch	G. Lear			
J. Stolz		1	J. Collins	R. Reid			
K. Kniel		1	W. Kreger	J. Knight			
O. Parr		1	M. Ernst	S. Pawlicki			
S. Varga		1	J. Youngblood	I. Sihweil			
D. Vassallo		1	R. Ballard				

H SMITH w/AFF

758 51

~~7908210572~~

7908210572

B

EXXON NUCLEAR COMPANY, Inc.

2101 Horn Rapids Road
P. O. Box 130, Richland, Washington 99352
Phone: (509) 943-8100 Telex: 32-6353

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-512, "XN-3 Critical Power Correlation," dated June 1979

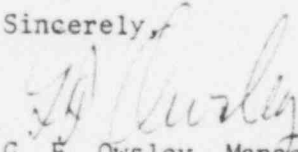
Dear Mr. Ippolito:

This letter transmits the subject document for your review and approval. The critical power correlation, XN-3, will be applied to Exxon Nuclear fuel used in boiling water reactors. Plants for which this correlation will be applicable will include Dresden Units 2 and 3, WPPSS Unit 2, Zimmer, Susquehanna Units 1 and 2, and La Salle Units 1 and 2.

Exxon Nuclear Company considers the information contained in the report XN-NF-512 to be proprietary. In accordance with the Commission's Regulation 10CFR2.790(b), the enclosed Affidavit executed by our Dr. Roy Nilson provides the necessary information to support the withholding of the subject document from public disclosure.

Forty (40) copies of the subject document and twenty (20) copies of its non-proprietary version are enclosed.

Sincerely,


G. F. Owsley, Manager
Reload Licensing

GFO:gf
Enclosures
as above

CC: Mr. John Hannon (USNRC)

158 358
1908210572
B