

**EXXON NUCLEAR COMPANY, Inc.**

2101 Horn Rapids Road

P. O. Box 130, Richland, Washington 99352

Phone: (509) 375-8100 Telex: 15-2878

June 22, 1982

RHK:046:82

Mr. Charles C. Graves  
Reactor Systems Branch  
Division of Systems Integration  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: - Additional Information, XN-NF-81-84

Dear Mr. Graves:

As requested, attached is a table of reactor core boundaries conditions that were assumed in the evaluation of MCPR operating limits for Automatic Flow Control for Dresden Unit 3 as reported in XN-NF-81-84.

Sincerely,



Richard H. Kelley  
Plant Transient Analysis

RHK:mb  
Attachment : As noted

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PDR

AN AFFILIATE OF EXXON CORPORATION

TABLE OF REACTOR CONDITIONS

(AFC, XN-NF-81-84)

<u>Power</u> <u>(MWt)</u>	<u>Flow</u> <u>(Mlb/hr)</u>	<u>Pressure</u> <u>(psia)</u>	<u>Core Inlet</u> <u>Enthalpy (BTU/lbm)</u>
2527.0	98.0	1026.0	521.8
2350.1	88.2	1017.8	520.2
2173.2	78.4	1010.1	518.6
1993.8	68.6	1003.0	517.0
1806.8	58.8	996.2	515.3
1614.8	49.0	992.0	513.6
1415.1	39.2	984.1	511.8