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TO: George Lear

FROM: Exxon Nuclear Co. Inc.
Richland, Washington 99352
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(1 page)

NOTE: Distribution per Mr. Fletcher on 2-7-77.

PLANT NAME: COOK UNIT # 1

ENCLOSURE (Supplement 1), FLOW BLOCKAGE AND
EXPOSURE SENSITIVITY STUDY FOR DONALD C. COOK
UNIT 1 RELOAD FUEL USING ENC WREM-11 MODEL...(30 encl. rec'd)
(31 pages)566 RPH
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ACKNOWLEDGED

SAFETY

FOR ACTION/INFORMATION

ENVIRO

JCM 2-7-77

ASSIGNED AD:		ASSIGNED AD:
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						SITE TECH.
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PETERSON	<input checked="" type="checkbox"/>	CHECK	<input checked="" type="checkbox"/>	BUTLER		SITE ANALYSIS
MELTZ			<input checked="" type="checkbox"/>	GRIMES		VOLLMER
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EXXON NUCLEAR COMPANY, Inc.

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

Regulatory Docket File



February 1, 1977

80-815

Mr. George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: XN-76-51, Supplement 1, "Flow Blockage and Exposure Sensitivity Study for D. C. Cook Unit I Reload Fuel Using ENC WREM-II Model

Dear George:

The subject Supplement to document XN-76-51 is submitted for Staff review. This report provides information regarding the uncertainties of the fuel rod internal pressure during the course of a loss of coolant accident.

Justification is included for applying uncertainty bounds for those factors affecting fuel rod internal pressure. Based on the investigation reported in this supplement, we believe that the values given in Table 3 of "Revision 1 to Safety Evaluation Report On The Exxon Nuclear Company WREM-Based Generic PWR-ECCS Evaluation Model Update ENC-WREM-II for Conformance to Requirements of Appendix K to 10 CFR 50 by the Office of Nuclear Reactor Regulation", January 5, 1977, should be replaced by the values given in Table 1 of the subject report.

Six (6) copies of the subject report were transmitted to the Staff earlier under separate cover. Enclosed are an additional thirty (30) copies. To meet licensing objectives for Cycle 2 operation of the Donald C. Cook Unit I Nuclear Plant, your prompt review of this matter is requested.



GFO:gf
Enclosures
As above

CC: Mr. M. H. Fletcher (NRC)

Sincerely,

James C. Osley
G. F. Osley, Manager
Reload Licensing

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