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Docket No. 50-346

Toledo Edison Company ATTN: Nr. Lowell E. Roe

Vice President, Facilities

Development

Edison Plaza 300 Madison Avenue Toledo, Onio 43652

Gentlemen:

J. Stolz E. Hylton

R. J. Mattson, SS bcc: J. R. Ruchanan,

D. Ross, SS J. P. Knight, SS

R. Tedesco, SS H. Denton, DSE

V. A. Moore, DSE R. H. Vollmer, DSE

M. L. Ernst, DSE W. P. Gammill, DSE

SUBJECT: LARGE BREAK SPECTRUM TO DOCUMENT THE EXACT MARGINS WITHIN THE

ECCS ACCEPTANCE CRITERIA OF 10 CFR PART 50.46 - DAVIS-BESSE.

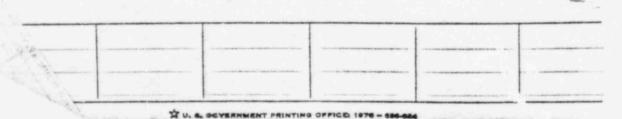
UNIT 1

As you know, license condition 2.C.(3)(1) of Facility Operating License No. NPF-3, issued for Davis-Besse, Unit 1 on April 22, 1977 requires in part, that within six months from issuance of said license, the Toledo Edison Company shall provide additional supporting analyses for the large break spectrum to document the exact margins within the Emergency Core Cooling System acceptance criteria of 10 CFR Part 50.46.

On June 28, 1977, representatives of the Toledo Edison Company, the Babcock and Wilcox Company and the staff discussed the additional large break spectrum required to meet license condition 2.C.(3)(1). At this meeting, the Toledo Edison Company and the Babcock and Wilcox Company were advised that the large break analyses required (using the latest staff model as approved by the staff and wholly in conformance with 10 CFR Part 50.46 and Appendix K) are as follows:

LARGE BREAK SPECTRUM (ECCS)
FOR
DAVIS-BESSE, UNIT 1

BREAK SIZE	DISCHARGE	BREAK TYPE		
(Square feet)	COEFFICIENT	DESCRIPTION		
(1) 8.55 2) 8.55 8.55	1.0	Split, pump discharge (PD) Double ended pump discharge (DEPD) Double ended pump suction (DEPS)		



These analyses must be submitted no later than October 22, 1977 to meet the license condition as stipulated in Paragraph 2.C.(3)(1) of Facility Operating License No. NPF-3. We request that you keep us advised on the status of completing these analyses within the time required.

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Sincerely,

Original Signed by John F. Stolz

John F. Stolz, Chief Light Water Reactors Branch No. 1 Division of Project Management

cc: Mr. Donald H. Hauser, Esq.
The Cleveland Electric Illuminating Company
P. O. Box 5000
Cleveland, Ohio 44101

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Washington, D. C. 20036

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