

August 26, 1985

Docket No. 50-346

DISTRIBUTION

Mr. Joe Williams, Jr.
Vice President, Nuclear
Toledo Edison Company
Edison Plaza - Stop 712
300 Madison Avenue
Toledo, Ohio 43652

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Dear Mr. Williams:

SUBJECT: USE OF ASME CODE CASE N-411

Toledo Edison Company has requested NRC approval to use ASME Code Case N-411 for response spectrum seismic analysis of selected piping at the Davis Besse Nuclear Power Station; Unit No. 1 (Toledo Edison Company letter July 2, 1985 (No. 1163)). This request is similar to an earlier request for approval to use Code Case N-411 for the continuous vent line response spectrum seismic analysis (Toledo Edison Company letter March 14, 1985 No. 1129)). That earlier request was approved April 15, 1985.

As we stated in our letter of April 15, 1985, Code Case N-411, "Alternative Damping Valves for Seismic Analysis of Piping - Section III Division 1 Class 1, 2, and 3 Construction," is a conditionally acceptable Code Case pending revision of Regulatory Guide 1.61. Utilities electing to apply this code case must commit to the following:

- (a) Use the case for piping systems analyzed by response spectrum methods and not those using time-history analysis methods.
- (b) Due to the increased flexibility of the system, check all system predicted maximum displacements for adequate clearance with adjacent structures, components and equipment, and that the mounted equipment can withstand the increased motion.
- (c) When the alternate damping criteria of this Code Case are used, they will be used in their entirety in a given analysis and shall not be a mixture of Regulatory Guide 1.61 criteria and the alternate criteria of this Code Case.

Since the commitments with respect to your use of Code Case N-411, as documented in your July 2, 1985, letter comply with those required by the staff, we find your request to use Code Case N-411 for new analyses or for reconciliation work and for support optimization to be acceptable for use at the Davis-Besse Nuclear Power Station, Unit 1.

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Mr. Williams

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In addition, we find your commitment acceptable to revise the USAR in subsequent amendments to reflect all applications of Code Case N-411.

Sincerely,

Original signed by

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

cc: See next page

D:DL
HThompson*
8/9/85

DD:NR
DE:DHut
8/15/85

D:NR
HDenton
8/22/85

*See previous white for concurrences:
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7/25/85

MEB:DE AD:DE
FCherney* RBosnak*
7/25/85 7/25/85

Mr. Williams

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the Davis-Besse Nuclear Power Station, Unit 1.

In addition, we find your commitment acceptable to revise the USAR in subsequent amendments to reflect all applications of Code Case N-411.

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

cc: See next page

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Mr. J. Williams
Toledo Edison Company

Davis-Besse Nuclear Power Station
Unit No. 1

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

Ohio Department of Health
ATTN: Radiological Health
Program Director
P. O. Box 118
Columbus, Ohio 43216

Mr. Robert F. Peters
Manager, Nuclear Licensing
Toledo Edison Company
Edison Plaza
300 Madison Avenue
Toledo, Ohio 43652

Attorney General
Department of Attorney
General
30 East Broad Street
Columbus, Ohio 43215

Gerald Charnoff, Esq.
Shaw, Pittman, Potts
and Trowbridge
1800 M Street, N.W.
Washington, D.C. 20036

Mr. James W. Harris, Director
Division of Power Generation
Ohio Department of Industrial Relations
2323 West 5th Avenue
P. O. Box 825
Columbus, Ohio 43216

Paul M. Smart, Esq.
Fuller & Henry
300 Madison Avenue
P. O. Box 2088
Toledo, Ohio 43603

Mr. Harold Kahn, Staff Scientist
Power Siting Commission
361 East Broad Street
Columbus, Ohio 43216

Mr. Robert B. Borsum
Babcock & Wilcox
Nuclear Power Generation
Division
Suite 200, 7910 Woodmont Avenue
Bethesda, Maryland 20814

President, Board of
Ottawa County
Port Clinton, Ohio 43452

Resident Inspector
U.S. Nuclear Regulatory Commission
5503 N. State Route 2
Oak Harbor, Ohio 43449

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137