



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

June 29, 1979

OFFICE OF THE  
SECRETARY

MEMORANDUM FOR THE RECORD

FROM: *for* Samuel J. Chilk, *JCH* Secretary

SUBJECT: BRIEFING ON SEISMIC DESIGN CAPABILITY OF OPERATING  
REACTORS AND RESPONSES TO OIE BULLETIN ON SEISMIC  
ANALYSIS, 9:30 A.M., THURSDAY, JUNE 28, 1979,  
COMMISSIONERS' CONFERENCE ROOM, D.C. OFFICE  
(OPEN TO PUBLIC ATTENDANCE)

Chairman Hendrie and Commissioner Gilinsky were provided a summary briefing concerning the ongoing review of seismic design capability of operating reactors, and were informed of the responses to the I&E bulletins that have been issued on this subject.

Although the Commission placed no requirements on the staff at this meeting, they noted that:

1. I&E would be issuing a bulletin on verification of seismic design capability the week of June 25, 1979, and;
2. staff will periodically inform the Commission on their findings in the seismic design area.

cc:  
Public Document Room

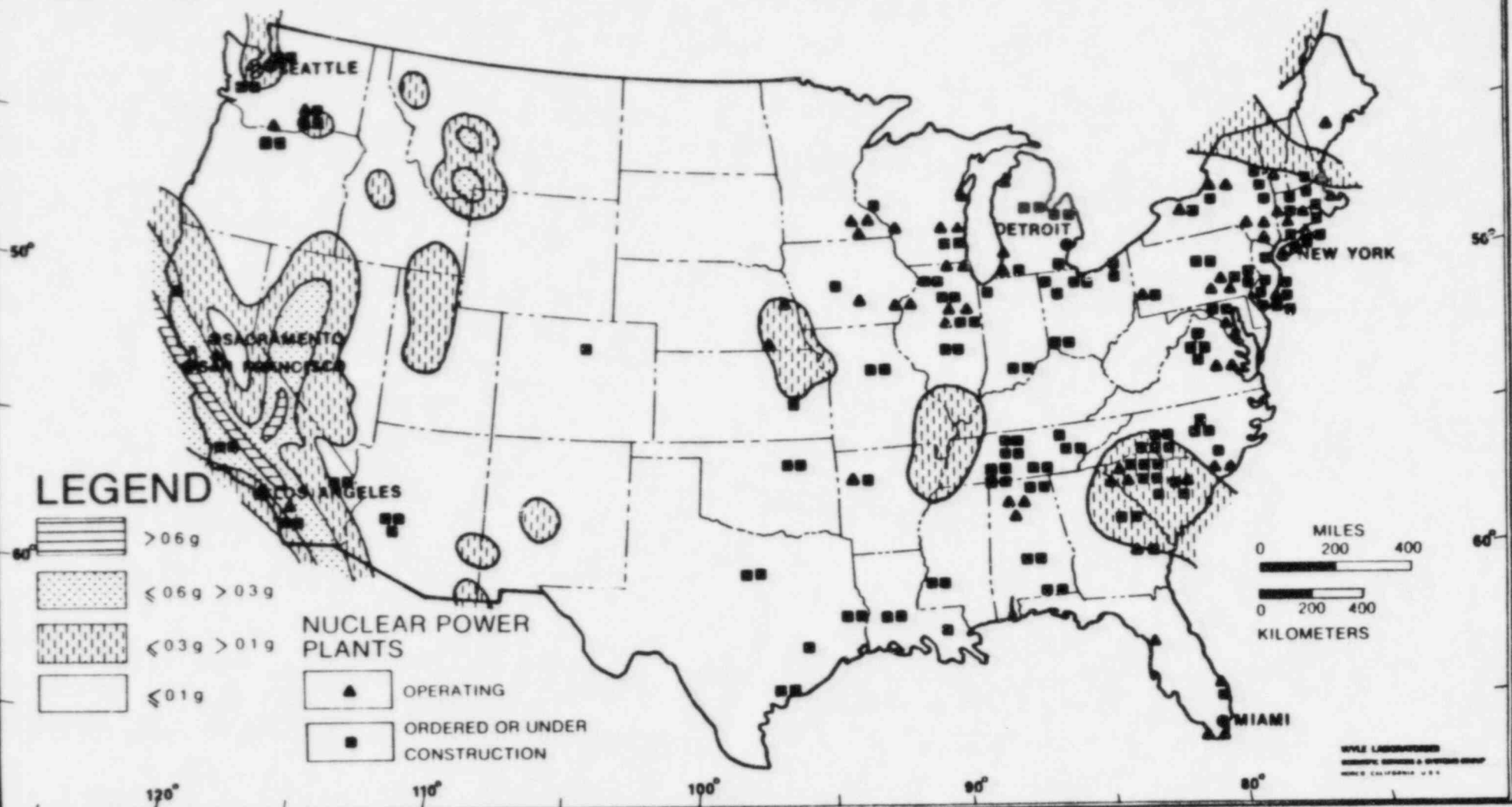
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# U.S. SEISMIC ZONE MAP

SEISMIC DATA ADAPTED FROM: EERI, JULY 1976, VOL. 10, NO. 4,  
ALGERMISSEN & PERKINS, U.S.G.S., PG. 78.

40° NUCLEAR POWER PLANT DATA FROM: NUCLEAR NEWS INDUSTRY  
REPORT 1977-78 A REPRINT, LA GRANGE PARK, ILL. 1978



8-25

DATE	DESCRIPTION OF ITEM
1/79	NRC SPECIAL INSPECTION (Item 7 only) - Proposed S&W Briefings
	Chronology Table - Pipe Stress Analysis Issue
	BEAVER VALLEY FASR
	MAINE YANKEE FSAR
	CHAPTER 16 - Current Trends in the Seismic Analysis and Design of High-Rise Structures - N. M. Newmark
6/9/72	ON THE SIMULTANEOUS APPLICATION OF THE VERTICAL AND HORIZONTAL RESPONSE SPECTRA IN THE SEISMIC ANALYSIS
11/24/75	SRP NUREG 75/087 - SEISMIC SYSTEM ANALYSIS
5/5/79	Ltr Maine Yankee to R. Reid, ORS No. 4 re: MYAPC Ltr to NRC dtd 5/4/79 - and transmittal of an evaluation performed by MY of the conservatism inherent in the design of MY
May 1973	Regulatory Guide 1.48 - Design Limits and Loading Combinations for Seismic Category 1 Fluid System Components

<u>DATE</u>	<u>DESCRIPTION OF ITEM</u> <u>SEISMIC Bulletins</u>
July 16, 1979	Memo to Regions frm EJordan, IE RE: CRITERIA FOR EVALUATING OPERABILITY OF SEISMIC DESIGN PIPING SUPPORTS RELATING TO IEB 79-02 & 79-14
June 29, 1979	MEMO JORDAN TO EISENHUT RE: Review Responsibility for IE Bulletins 79-02, 04 and 07
March 5, 1979	Memo N. Moseley, IE to Regions re: IE Bulletin: No. 79-02 Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts
June 21, 1979	Memo N. Moseley, IE to Regions re: IE Bulletin 79-02 Revision No. 1, Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts
March 30, 1979	Memo N. Moseley, IE to Regions re: IE Bulletin 79-04 Incorrect Weights for S2wing Check Valves Manufactured by Velan Engineering Corporation
April 14, 1979	Memo N. Moseley, IE to Regions re: IE Bulletin 79-07, Seismic Stress Analysis of Safety-Related Piping
July 18, 1979	Ltr to Met Ed frm Grier transmitting IE Bulletin 79-14, Revision 1
July 18, 1979	Memo dtd 7/18/79 to Grier and Regions frm Jordan, IE re: Temporary Instruction re IE Bulleting 79-14

<u>DATE</u>	<u>DESCRIPTION OF ITEMS</u>
6/12/79	Note to Russell frm B. Jackson re: modification to overview of Beaver Valley
4/26/79	Memo Denton to Kennedy thru Gossick re: Seismic Evaluations of Five Nuclear Power Plants
<hr/> <u>MY ORDER 5/24 + CONSERVATISM</u>	
May 24, 1979	Ltr Reid to Groce Yankee Atomic re: Termination of Order to Show Cause, SER, Discussion of Conservatism in MY's Seismic Design
8/8/79	Ltr to Dunn, Duquesne frm Denton re: Order for Termination of proceeding initiated by Show Cause Order dtd 3/13/79
8/14/79	Ltr Case to Berry, PASNY re: Order lifting the suspension
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7/11/79	ACRS
6/28/79	COMMISSION BRIEFING
6/14/79	COMMISSION BRIEFING
5/30/79	COMMISSION BRIEFING
5/3/79	COMMISSION BRIEFING

<u>DATE</u>	<u>DESCRIPTION OF DOCUMENT</u>	<u>RELATED TO</u>
2/5/80	Ltr frm Russell to Moskovitz in response to Moskovitz ltr of 1/28/80 & phone call of 2/4/80 - provides information requested	
1/30/80	Ltr frm Russell to Moskovitz in response to his ltr dtd 12/3/79 regarding testimony of Ronald W. Haupt	
1/29/80	Note to Moskovitz frm Russell per phone conversation of 1/29/80 - sent ltr dtd 12/12/79 to H. Myers	
1/28/80	Moskovitz to Russell transmitting request from intervenors (copy attached)	
1/24/80	Ltr Duquesne Light to Grierre: LER 80-3/01P	
1/16/80	Ltr Ahearne to Udall in response to Udall's ltr of 12/3/79 requesting clarification on algebraic summation	
1/3/80 (A)	Ltr to A. Schwencer, ORB1 frm Duquesne Light re: Seismic Reanalysis of Piping Systems	
1/3/80 (B)	Daily Highlight - Beaver Valley calculations	
12/28/79	Russell to Moskovitz in response to ltr dtd 12/18/79 frm Moskovitz - provides technical qualifications - Senator Hart's ltr of 10/25/79 contains updated table	
12/20/79	Russell to Moskovitz regarding testimony of 10/25/79 and changes to same also the problems of having to rtn to testify	
12/20/79	Ltr to Gerald G. Fain, Stone & Webster frm Udall in response to Fain's ltr of 11/16/79 regarding calculations related to the seismic design of 5 plants	
12/18/79 (A)	Ltr Moskovitz to Russell re errata sheet prepared by Gerald Amero indicating correction to deposition & request for qualifications (see answer dtd 12/28/79)	

<u>DATE</u>	<u>DESCRIPTION OF DOCUMENT</u>	<u>RELATED TO</u>
10/25/79	Ltr Hendrie to Hart in response to Hart's 6/26/79 ltr on shutdown of 5 plants	12/28/79 Letter
10/23/79	LTR R. Ryan, SP, to Dingman, PUC re: request to have NRC give testimony on PUC investigation of Maine Yankee	10/11/79 Letter
10/16/79	Mtg summary of Mtg of 9/5/79 re: Seismic Analyses for Surry Units 1 and 2, Steam Generator Repair for Surry Unit 2 and Licensing of North Anna	
10/11/79	LTR to R. Ryan frm Dignman re: MY Investigation	10/23/79 Letter
8/29/79	Ltr to Power Engineering (F. Olds) frm Eisenhut re: article in 7/79 issue of Power Engineering "No Cause for Seismic Shutdowns"	
8/10/79	Memo to Seyfriet, RIV frm Reinmuth, IE re: Inspection of S&W (Rept. No. 99900509/79-03)	
7/24/79	Ltr Maine Yankee to NRC re: MY Piping Seismic Analysis Comparisons	5/18/79 Letter
5/29/79	MY Ltr to NRC re: request to defer mtg	5/2/79 Letter
5/22/79	Memo Ahearne to Denton re: Maine Yankee Seismic Analysis Order	
5/18/79 (A)	Memo Choomissioner Kennedy to Denton re: Proposed Termination of Order to Show Cause (Maine Yankee)	
5/18/79 (B)	MY to NRC re: Maine Yankee Piping Seismic Review	
5/16/79	Memo Commissioners thru EDO frm Denton re: Staff Requirements from the 5/3/79 Commission briefing on the Status of Maine Yankee	
4/10/79	Memo to File frm D. A. Beckman, IE Inspector re: Record of Telecon with Mr. Dan Ford, UCS, 3/20/79	
4/5/79	Memo to Gilinsky frm Denton re: Beaver Valley Water Hammer & Pipe Vibration Problems	
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3/22/79 (A)	Memo to NRR DD's frm HRDenton re: Review of 5 Plant Shutdown	12/28/79 Letter
3/22/79 (B)	VEPCO ltr to O'Reilly, IE, Region II re: LER 79-004/01T-0	2/5/80 Request 1
3/22/79 (C)	MY ltr to Fine re: Response to Tele Ost's on Economic Consequences of NRC Shutdown Order on MY	
3/21/79	PASNY Ltr to Grier, Region 1 re: LER 79-014/01t-0	2/5/80 Request 1
*** 3/27/79	Memo Fine to Crutchfield, re: Cost of Replacement Power	