

JUL 3 1979

Mr. Denwood F. Ross, Jr.  
Deputy Director  
Division of Project Management  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Ross:

Recently, nineteen utilities formed a Westinghouse Operating Plants Owners' Group in order that they and the NRC could more effectively and efficiently deal with certain generic issues which have come to our attention as a result of the TMI-2 incident. The purpose of this letter is to explain to you the structure of this Group, its present work scope, the personnel involved, the relationship of the various parts of the Group to each other, and the desired communications between the NRC and the Owners' Group.

The Owners' Group is made up of Owners' Group Utility Representatives, a Steering Committee, and several subcommittees. In addition Westinghouse had appointed a Manager, TMI Operating Plant Owners' Group to serve as project manager for Westinghouse and the Owners' Group (see attached figure), and contacts have been arranged with EPRI, AIF, the CE Plants Owners' Group, and the GE Plants Owners' Group. A listing of those personnel involved, including their addresses and phone numbers, is provided on a separate attachment.

At the commencement of the Group's activities, we pursued the response to your 6/4/79 letter to Mr. Tom M. Anderson, Manager, Nuclear Safety Department, Westinghouse Electric Corporation requesting information in order that the staff could complete its evaluation of the response of currently operating Westinghouse-designed plants to postulated small break LOCAs. This work has been completed, and was submitted to you for the Owners' Group on 6/29/79 by Mr. David Waters of Carolina Power and Light Co.

In addition to this effort, the Owners' Group is currently investigating a number of additional areas of interest to the Group. These are listed and described below.

1. Procedures

- a. A review and rewriting of Westinghouse Generic Emergency Operating Instruction Guidelines for inclusion in utility specific procedures, as applicable.
- b. Development of a Generic Emergency Operating Instruction Guideline for natural circulation during emergency conditions. This will be included in utility specific procedures, as applicable.
- c. Development of a Generic Abnormal Operating Instruction Guideline for natural circulation during abnormal conditions. This will be included in utility specific procedures, as applicable.

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- d. Development of a Generic Abnormal Operating Instruction Guideline for uncontrolled reactor coolant system depressurization. This will be included in utility specific procedures, as applicable.
  - e. Development of a Generic Abnormal Operating Instruction Guideline for a reactor coolant system leak. This will be included in utility specific procedures, as applicable.
  - f. Review of all Generic Normal & Abnormal Operating Instruction Guidelines & identification of changes that should be made in light of lessons learned and analysis made since the Three Mile Island Plant accident. These changes will then be included in utility specific procedures, as applicable.
2. Pressurizer Heater Availability Study - An analysis will be performed to investigate the time frame that the plant can be without pressurizer heaters and subcooling can still be maintained. This analysis will include an investigation into the loss of system temperature and pressure with time, and a review of Generic Operating Procedures to insure that the use of heaters is properly specified. Changes will then be made to utility specific procedures, as applicable.
  3. Small Break Transient system flow stability and transition between various heat transfer modes - A study will be made of the phenomena occurring in the hot legs and steam generators during a small break transient. A flow regime study will be made to determine the possibility of forming slugs and dynamically loading the steam generator tubes. Better estimate models will be used in computer analyses to more realistically model two phase flow in the upper plenum, hot legs, and steam generators. Emphasis will be placed on the transition between the various forms of natural circulation.

We believe it is a very rigorous program, and will inform you of its results.

With respect to communications, the attached figure shows there are many paths of communications within the Owners' Group. While it is imperative that these paths of communications exist within our organization, it is equally important for the control of the flow of information and efficiency in operations that there be a single point of contact between the Owners' Group and the NRC. As Owners' Group Chairman, I have been designated as this point of contact with the NRC by the Owners' Group. While there are, and will be, many times that you will be contacting the individual utilities, it is requested that when you are contacting the Owners' Group as an entity, that contact be through me. In addition, please send one copy of all your transmittals to each representative on the Owners' Group Chart, as well as to your normal utility contacts.

If you have any questions or comments, please contact me.

*Cordell Reed*

Cordell Reed, Chairman  
Westinghouse Operating Plants Owners' Group

cc. Harold Denton

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WESTINGHOUSE OWNERS GROUP  
(Primary and Alternate Reps.)

Rev. #1

Contact

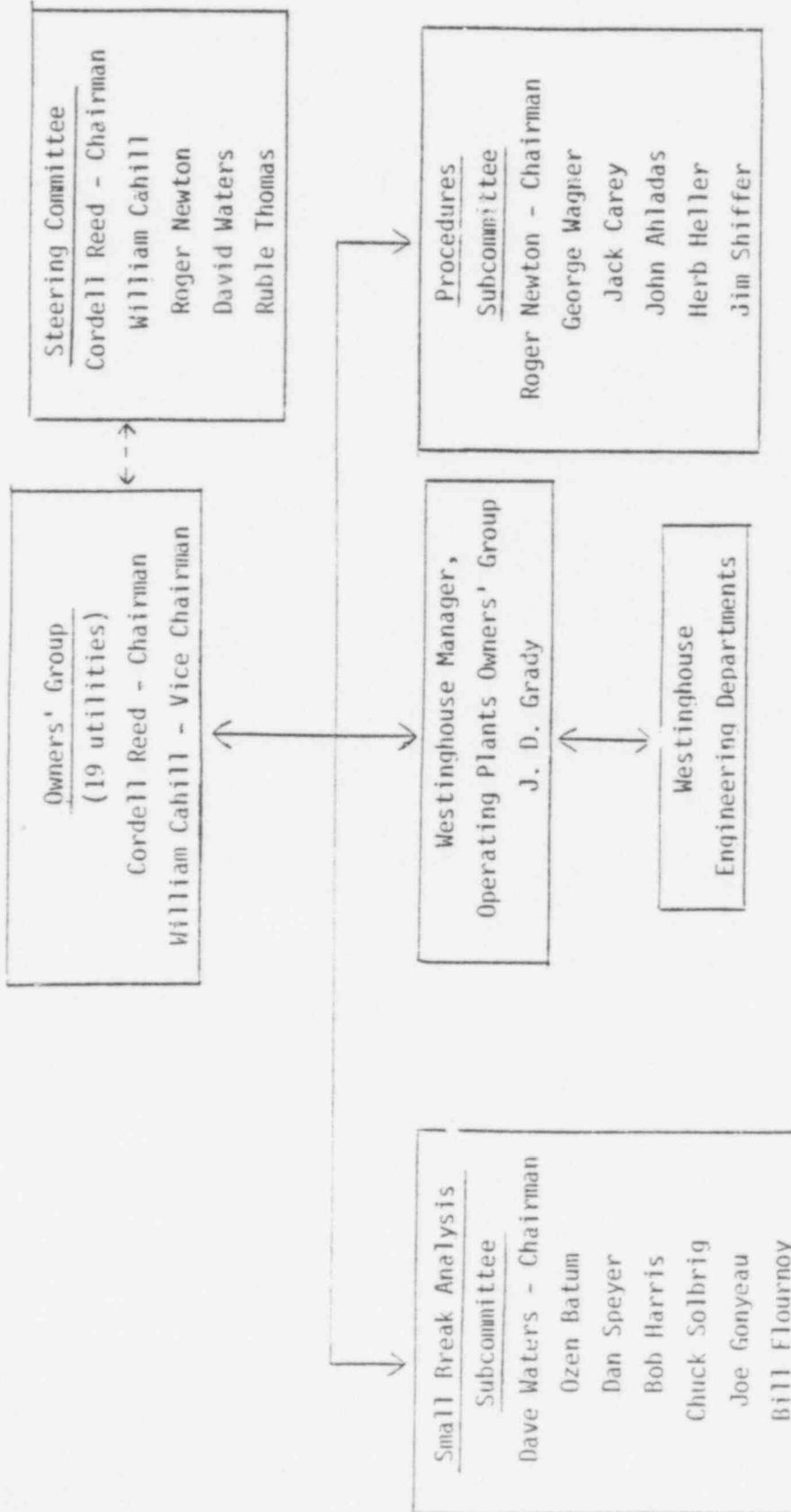
<u>Utility</u>	<u>Primary</u>	<u>Alternate</u>	<u>Address</u>
Yankee Atomic Electric (Yankee Rowe)	A. Husain (617) 366-9011 ext. 219	W. Szymczak (617) 366-9011 ext. 215	Yankee Atomic Electric Co. 20 Turnpike Road Westboro, Massachusetts 01581
Northeast Utilities (Connecticut Yankee Atomic)	Rik W. Wells (203) 666-6911 ext. 3871 Telecopy ext. 3121	Rick Karich (293) 666-6911 ext. 3843	Northeast Utilities P. O. Box 270 Hartford, Connecticut 06101
American Electric Power (D.C. Cook 1 & 2)	Robert W. Jurgensen (212) 440-9280	Stephen J. Milioti (212) 422-4800 ext. 376	American Electric Power Service Corp. 2 Broadway New York, New York 10004
Consolidated Edison (Indian Point 2)	W. J. Cahill (212) 460-3819	John O'Toole (212) 460-2533	Consolidated Edison 4 Irving Place New York, New York 10003
Power Authority of State of New York (Indian Point 3)	Peter W. Lyon	Bruce Deist	Power Authority of the State of New York 10 Columbus Circle New York, New York 10019
Virginia Electric & Power (Surry 1 & 2 and North Anna)	John A. Ahladas (804) 771-3019 Telecopy (804) 771-4443	Dave Benson	Virginia Electric & Power Co. One James River Plaza P. O. Box 26666 Richmond, Virginia 23261
Public Service Electric & Gas 45 (Salem 1)	Frank P. Librizzi (201) 430-7581 Telecopy (201) 430-8474	Herb Heller (201) 430-6740	Public Service Electric & Gas Company 80 Park Place Newark, New Jersey 07101
Carolina Power & Light (H. B. Robinson 2) 062	Dave Waters (919) 836-6584 Telecopy (919) 836-7346 Manual	M. G. Zaalouk	Carolina Power & Light P. O. Box 1551 Raleigh, North Carolina 27602

<u>Utility</u>	<u>Contact</u>		<u>Address</u>
	<u>Primary</u>	<u>Alternate</u>	
Duquesne Light (Beaver Valley 1)	J. J. (Jack Carey (412) 643-5255 Telecopy (412) 643-8000	Roger E. Martin (412) 456-6593	Duquesne Light P. O. Box 1551 Shippingport, PA 15077
Rochester Gas & Electric (Ginna)	Robert Mecredy (716) 546-2700 ext. 2517 Telecopy (716) 546-1511	Joe Larizza (716) 546-2700 ext. 291245	Rochester Gas & Electric 89 East Avenue Rochester, New York 14649
Alabama Power (Farley 1)	Herman Thrash (205) 323-5341	Oliver Kingsley	Alabama Power Company 600 North 18th Street P. O. Box 2641 Birmingham, Alabama 35291
Florida Power & Light (Turkey Point 3 & 4) also C. E. Owners' Group Chairman	George Liebler (305) 552-3811 Telecopy (305) 552-3833 Auto	Harry Paduano (305) 55203798	Florida Power & Light Co. P. O. Box 529100 Miami, Florida 33152
Wisconsin Public Service (Kewaunee)	Mark Marchi (414) 433-1310	Dave Ristau (414) 433-1325	Wisconsin Public Service Corp. P. O. Box 1200 Green Bay, Wisconsin 54305
Northern States Power (Prairie Island 1 & 2)	F. Pat Tierney, Jr. O.(612) 388-4767 H.(612) 439-6258 Telecopy (619) 388-4767 ext. 223	Gerry Neils (612) 330-6052	Northern States Power Co. Route 2 Welch, Minnesota 55089
Wisconsin Electric Power (Point Beach 1 & 2)	Roger Newton (414) 277-2002 Telecopy (414) 277-2010 Manual	Dave Porter (414) 277-2144	Wisconsin Electric Power Co. 231 West Michigan Milwaukee, Wisconsin 53201
Commonwealth Edison (Zion 1 & 2)	Cordell Reed (312) 294-3121 Telecopy (312) 294-3110	George Wagner (312) 294-8306	Commonwealth Edison Co. P. O. Box 767 One First National Plaza Chicago, Illinois 60690

<u>Utility</u>	<u>Contact</u>		<u>Address</u>
	<u>Primary</u>	<u>Alternate</u>	
Portland General Electric (Trojan)	Daniel I. Herborn (503) 226-8109 Telecopy (503) 226-8150	C. J. Piluso (503) 226-8125	Portland General Electric Co. 121 West Salmon Street Portland, Oregon 97204
Southern California Edison (San Onofre 1)	Jerry G. Haynes (213) 572-1742	W. G. Flournoy (213) 572-1759	Southern California Edison Co. P. O. Box 800 2244 Walnut Grove Ave. Rosemead, California 91770
Pacific Gas & Electric (Diablo Canyon)	Jim Gornly (415) 781-4211 ext. 3249	Roy Fray	Pacific Gas & Electric Co. 77 Beale Street San Francisco, California 94106
E.P.R.I.	Bill Layman (415) 855-2013		Electric Power Research Institute 3412 Hillview Ave. Palo Alto, California 94303
A.I.F.	Bob Szalay (301) 654-9260		Atomic Industrial Forum 7101 Wisconsin Ave. Bethesda, MD 20014 12th Floor
BWR Owners' Group Chairman	Thomas D. Keenan (802) 775-2964 (off.) (802) 422-3855 (home)		Vermont Yankee Nuclear Power Corp. 77 Grave Street Rutland, Vermont 95701

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Westinghouse Operating Plants Owners' Group



Organization	Representative	Address
Yankee Atomic Electric (Yankee Rowe)	A. Husain (617) 366-9011 ext. 219	Yankee Atomic Electric Co. 20 Turnpike Road Westboro, Massachusetts 01581
Northeast Utilities (Connecticut Yankee Atomic)	Rik W. Wells (203) 666-6911 ext. 3871 Telecopy ext. 3121	Northeast Utilities P.O. Box 270 Hartford, Connecticut 06101
American Electric Power (D.C. Cook 1 & 2)	Robert W. J. Jensen (212) 440-9290	American Electric Power Service Corp. 2 Broadway New York, New York 10004
Consolidated Edison (Indian Point 2)	W.J. Cahill (212) 460-3819	Consolidated Edison 4 Irving Place New York, New York 10003
Power Authority of State of New York (Indian Point 3)	Peter W. Lyon (212) 397-6362	Power Authority of the State of New York 10 Columbus Circle New York, New York 10019
Virginia Electric & Power (Surry 1 & 2 and North Anna)	John A. Anladas (804) 771-3019 Telecopy (804) 771-4443	Virginia Electric & Power Co. One James River Plaza P.O. Box 26666 Richmond, Virginia 23261
Public Service Electric & Gas (Salem 1)	Frank P. Librizzi (201) 430-7581 Telecopy (201) 430-8474	Public Service Electric & Gas Company 80 Park Place Newark, New Jersey 07101
Carolina Power & Light (H.B. Robinson 2)	Dave Waters (919) 836-6584 Telecopy (919) 836-7346 Manual	Carolina Power & Light P.O. Box 1551 Raleigh, North Carolina 27602
Duquesne Light (Beaver Valley 1)	J.J. (Jack) Carey (412) 643-5255 Telecopy 643-8000	Duquesne Light P.O. Box 4 Shippingport, PA 15077
Rochester Gas & Electric (Ginna)	Robert McCreedy (716) 546-2700 ext. 2517 Telecopy (716) 546-1511	Rochester Gas & Electric 29 East Avenue Rochester, New York 14649
Alabama Power (Farley 1)	Herman Thrash (205) 323-5341	Alabama Power Company 500 North 18th Street P.O. Box 2541 Birmingham, Alabama 35291
Florida Power & Light (Turkey Point 3 & 4) also C.E. Owners' Group Chairman	George Liebier (305) 552-3811 Telecopy (305) 552-3833 Auto	Florida Power & Light Co. P.O. Box 529100 Miami, Florida 33152
Wisconsin Public Service (Kewaunee)	Mark Marchi (414) 433-1310	Wisconsin Public Service Corp. P.O. Box 1200 Green Bay, Wisconsin 54305
Northern States Power (Prairie Island 1 & 2)	F. Pat Tierney, Jr. D. (612) 388-4767 H. (612) 439-6258 Telecopy (612) 388-4767 ext. 223	Northern States Power Co. Route 2 Welch, Minnesota 55089
Wisconsin Electric Power (Point Beach 1 & 2)	Roger A. Newton (414) 277-2002 Telecopy (414) 277-2010 Manual	Wisconsin Electric Power Co. 231 West Michigan Milwaukee, Wisconsin 53201
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Southern California Edison (San Onofre 1)	Jerry G. Haynes (213) 572-1742	Southern California Edison Co. P.O. Box 800 2244 Walnut Grove Ave. Rosemead, California 91770
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