DICAME ASSESSED TO THE COURT 2 1 1980

Mr. S. T. Rogers Pacific Gas and Electric Company Room 1481 77 Beale Street San Francisco, California 94106

Dear Mr. Rogers:

DISTRIBUTION:
コウィススス・ショイ、ロースンタ、ローススス、コレーシャー、コロンスト
Docket Files ight
LB#1 Rdg Riedesco コロースタイ
NRR Rdg VNoonan
DEisenhut RHartfield, MPA

RPurple OELD
JYoungblood OIE (3)
TBournia

MRushbrook bcc: TERA
PCheck ・ NRC/PDR トルト
LRubenstein L/PDR
ASchwencer NSIC
JMiller TIC

FMiraglia ACRS (16) RVollmer DRoss

**FSchroeder** 

By a letter dated June 30, 1980, Mr. R. H. Buchholz forwarded the GE Emergency Procedure Guidelines to D. G. Eisenhut. On August 7 and 8, 1980, we met with representatives of the GE Owners' Group, General Electric Company and Commonwealth Edison (LaSalle Nuclear Station) to discuss the Emergency Procedure Guidelines, Revision O, June 30, 1980. Based on the results of that meeting and the review conducted to date by the staff, we find the Emergency Procedure Guidelines acceptable for trial implementation at the LaSalle, Zimmer, Shoreham, Fermi 2, Susquehanna, and Washington Nuclear Project 2 stations. This letter is sent to you as Chairman of the BWR Emergency Procedures Group on behalf of the participants.

During the course of implementation we may identify areas that require modification or further analysis and justification. Since we anticipate that changes will be necessary regarding detailed guidance, your training program should properly account for such future procedural revisions. We will inform you of these areas as our review proceeds.

We recognize that postulating multiple equipment failures and operator errors can lead to situations that place a plant outside the limits of its technical specifications. While we in no way encourage deliberate operation outside of technical specification limits, we agree that the guidance provided in the draft guidelines is necessary to encompass the range of contingencies required when multiple failures are postulated. Operator training in use of the new procedures developed from these guidelines must stress this point and will be reviewed during our plant-specific reviews.

In our review to date, we have identified several areas where additional information is required. These areas are identified in the enclosure to this letter. Please inform us by October 27, 1980, of your schedule for submitting this information.

Sincerely,

Original signed by Darrell G. Pinenhut

Darrell G. Eisenhut, Director Division of Licensing

8011050555

Enclosure:

Request for Additional SEE PREVIOUS YELLOWS FOR OTHER CONCURRENCES AND DISTRIBUTION-

Information				 
OFFICE DHFS:DIR	DL: AR	DL:LB#1	DL:AD/Lj	
[ISHHanauer/	DGE\senhut	Woon unwith	Pl. Toda	
SURNAME	1047480	10/ \ /80	··RL·Tedesco···· 10/⇔/80	
DATE				



Dr. Wayne H. Jens
Assistant Vice President
Engineering & Construction
Detroit Edison Company
2000 Second Avenue
Detroit, Michigan 48226

cc: Eugene B. Thomas, Jr., Esq. LeBoeuf, Lamb, Leiby & MacRae 1333 New Hampshire Avenue, N. W. Washington, D. C. 20036

> Peter A. Marquardt, Esq. Co-Counsel The Detroit Edison Company 2000 Second Avenue Detroit, Michigan 48226

> Mr. William J. Fahrner Project Manager - Fermi 2 The Detroit Edison Company 2000 Second Avenue Detroit, Michigan 48226

Mr. Larry E. Schuerman Licensing Engineer - Fermi 2 Detroit Edison Company 2000 Second Avenue Detroit, Michigan 48226

Charles Bechhoefer, Esq., Chairman Atomic Safety & Licensing Board Panel U. S. Nuclear Regulatory Commission Washington, D. C. 20555

Dr. David R. Schink
Department of Oceanography
Texas A & M University
College Station, Texas 77840

Mr. Frederick J. Shon
Atomic Safety & Licensing Board
Panel
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

David E. Howell, Esq. 21916 John R Hazel Park, Michigan 48030

Mr. R. H. Buchholz, Manager BWR Systems Licensing Nuclear Safety & Licensing Operation General Electric Company 175 Curtner Avenue San Jose, California 95125

• 4 · --

Mr. Earl A. Borgmann
Vice President - Engineering
Cincinnati Gas & Electric Company
P. O. Box 960
Cincinnati, Ohio 45201

cc: Troy B. Conner, Jr., Esq. Conner, Moore & Corber 1747 Pennsylvania Avenue, N. W. Washington, D. C. 20006

> Mr. William J. Moran General Counsel Cincinnati Gas & Electric Company P. O. Box 960 Cincinnati, Ohio 45201

Mr. William G. Porter, Jr. Porter, Stanley, Arthur and Platt 37 West Broad Street Columbus, Ohio 43215

Mr. Steven G. Smith, Manager Engineering & Project Control Dayton Power & Light Company P. O. Box 1247 Dayton, Ohio 45401

J. Robert Newlin, Counsel Dayton Power & Light Company P. O. Box 1247 Dayton, Ohio 45401

Mr. James D. Flynn, Manager Licensing Environmental Affairs Cincinnati Gas & Electric Company P. O. Box 960 Cincinnati, Ohio 45201

Mr. J. P. Fenstermaker
Senior Vice President-Operations
Columbus & Southern Ohio
Electric Company
215 North Front Street
Columbus, Ohio 43215

David Martin, Esq.
Office of the Attorney General
209 St. Clair Street
First Floor
Frankfort, Kentucky 40601

Dr. Frank F. Hooper School of Natural Resources University of Michigan Ann Arbor, Michigan 48109

Charles Bechhoefer, Esq., Chairman Atomic Safety & Licensing Board Panel U. S. Nuclear Regulatory Commission Washington, D. C. 20555

Mr. Glenn O. Bright
Atomic Safety & Licensing Board Panel
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Leah S. Kosik, Esq. 3454 Cornell Place Cincinnati, Ohio 45220

W. Peter Heile, Esq. Assistant City Solicitor Room 214, City Hall Cincinnati, Ohio 45220

Timothy S. Hogan, Jr., Chairman Board of Commissioners 50 Market Street Clermont County Batavia, Ohio 45103

John D. Woliver, Esq. Clermont County Community Council Box 181 Batavia, Ohio 45103

Mrs. Mary Reder
Box 270, Rt. 2
California, Kentucky 41007

Dale D. Brodkey
Assistant Attorney General
Division of Environmental Law
Office of Attorney General
209 St. Clair Street
Frankfort, Kentucky 40601

• • •

Mr. J. S. Abel Director of Nuclear Licensing Commonwealth Edison Company Post Office Box 767 Chicago, Illinois 60690

cc: Richard E. Powell, Esq. Isham, Lincoln & Beale One First National Plaza 2400 Chicago, Illinois 60670

> Dean Hansell, Esquire Assistant Attorney General 188 West Randolph Street Suite 2315 Chicago, Illinois 60601

Mr. Roger Walker, Resident Inspector U. S. Nuclear Regulatory Commission Post Office Box 737 Streator, Illinois 61364

<b>,</b>			
•		. "	
	•		-
- •		•	
	•	•.	
		•	
	,		
			•

Mr. M. S. Pollock Vice President - Nuclear Long Island Lighting Company 175 East Old Country Road Hicksville, New York 11801

## ccs:

Howard L. Blau, Esq. Blau and Cohn, P.C. 217 Newbridge Road Hicksville, New York 11801

Jeffrey Cohen, Esq.
Deputy Commissioner and Counsel
New York State Energy Office
Agency Building 2
Empire State Plaza
Albany, New York 12223

Energy Research Group, Inc. 400-1 Totten Pond Road Waltham, Massachusetts 02154

Irving Like, Esq.
 Reilly, Like and Schnieder
 200 West Main Street
 Babylon, New York 11702

J. P. Novarro
Project Manager
Shoreham Nuclear Power Station
P. O. Box 618
Wading River, New York 11792

W. Taylor Reveley, III, Esq. Hunton & Williams P. O. Box 1535 Richmond, Virginia 23212

Ralph Shapiro, Esq. Cammer & Shapiro 9 East 40th Street New York, New York 10016

Edward J. Walsh, Esq. General Attorney Long Island Lighting Company 250 Old Country Road Mineola, New York 11501

Resident Inspector/Shoreham NPS c/o U.S. Nuclear Regulatory Commission P. O. Box B Rocky Point, New York 11778 Honorable Peter Cohalan Suffolk County Executive County Executive/Legislative Building Veteran's Memorial Highway Hauppauge, New York 11788

David Gilmartin, Esq.
Suffolk County Attorney
County Executive/Legislative Building
Veteran's Memorial Highway
Hauppauge, New York 11788

MHB Technical Associates 1723 Hamilton Avenue - Suite K San Jose, California 95125

Stephen Latham, Esq. Twomey, Latham & Schmitt P. O. Box 398 33 West Second Street Riverhead, New York 11901

Joel Blau, Esquire New York Public Service Commission The Governor Nelson A. Rockefeller Bldg. Empire State Plaza Albany; New York 12223

			`	
				<b>4≎ </b>
· 				
*				
	•		•	
			•	
-				
		•		
,				
1	* · · · · · · · · · · · · · · · · · · ·			
1 7 8	ı			
! !				•
!				
i				
			·	
	,			
I				
t de la companya de l		•		
1				
I				
1				-
		•		
	*,			
			•	
				=
	€			
•				
		•		
			•	
-		•		
				•
				,

Mr. Norman W. Curtis
Vice President - Engineering
and Construction
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

cc: Mr. Earle M. Mead
Project Engineering Manager
Pennsylvania Power & Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Jay Silberg, Esq. Shaw, Pittman, Potts & Trowbridge 1800 M Street, N. W. Washington, D. C. 20036

Mr. William E. Barberich, Nuclear Licensing Group Supervisor Pennsylvania Power & Light Company 2 North Ninth Street Allentown, Pennsylvania 18101

Edward M. Nagel, Esquire General Counsel and Secretary Pennsylvania Power & Light Company 2 North Ninth Street Allentown, Pennsylvania 18101

Bryan Snapp, Esq. Pennsylvania Power & Light Company 2 North Ninth Street Allentown, Pennsylvania 18101

Robert M. Gallo Resident Inspector P. O. Box 52 Shickshinny, Pennsylvania 18655

Susquehanna Environmental Advocates c/o Gerald Schultz, Esq. 500 South River Street Wilkes-Barre, PA 18702

John L. Anderson
Oak Ridge National Laboratory
Union Carbide Corporation
Bldg. 3500, P. O. Box X
Oak Ridge, Tennessee 37830

Mr. E. B. Poser Project Engineer Bechtel Power Corporation P. O. Box 3965 San Francisco. California 94119

Matias F. Travieso-Diaz, Esq. Shaw, Pittman, Potts & Trowbridge 1800 M Street, N. W. Washington, D. C. 20036

Dr. Judith H. Johnsrud Co-Director Environmental Coalition on Nuclear Power 433 Orlando Avenue State College, PA 16801

Mr. Thomas M. Gerusky, Director Bureau of Radiation Protection Department of Environmental Resources Commonwealth of Pennsylvania P. 0. Box 2063 Harrisburg, PA 17120

Ms. Colleen Marsh Box 538A, RD#4 Mountain Top, PA 18707

Mrs. Irene Lemanowicz, Chairperson The Citizens Against Nuclear Dangers P. O. Box 377 RD#1 Berwick, PA 18503

Mr. J. W. Millard Project Manager Mail Code 394 General Electric Company 175 Curtner Avenue San Jose, California 95125



Mr. R. L. Ferguson
Managing Director
Washington Public Power Supply System
P. O. Box 968
3000 George Washington Way
Richland, Washington 99352

**→**7 - '

## ccs:

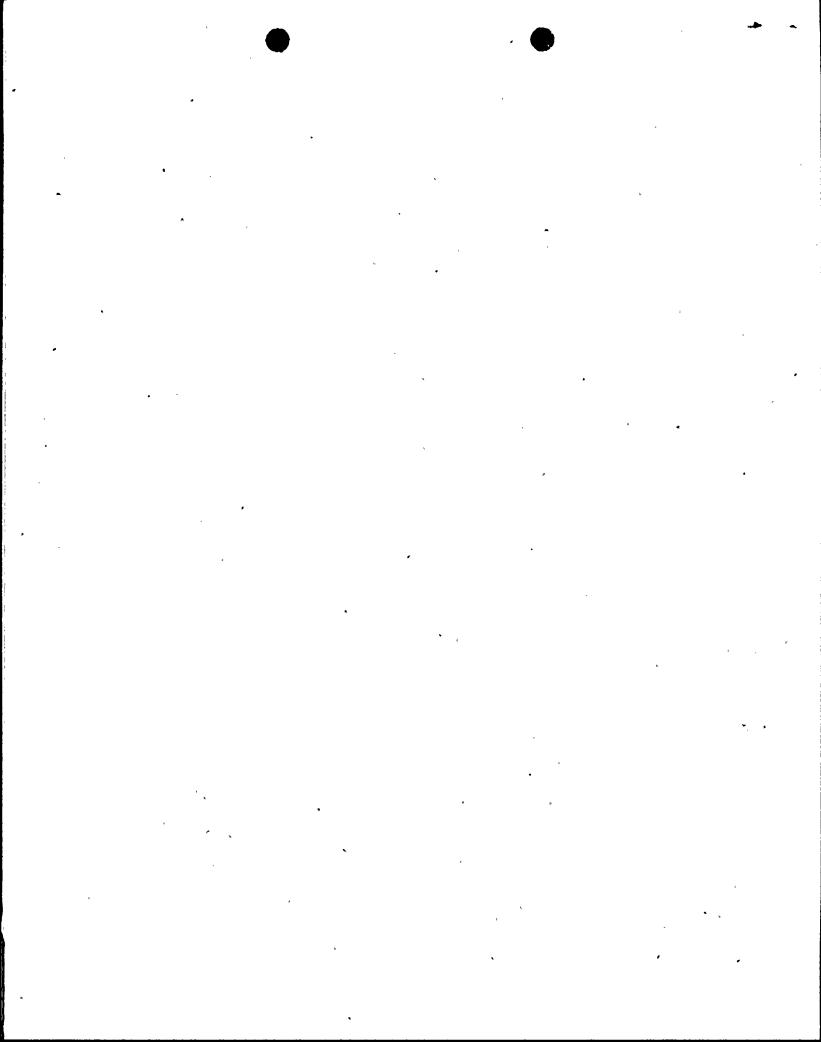
Joseph B. Knotts, Jr., Esq. Debevoise & Liberman 1200 Seventeenth Street, N. W. Washington, U. C. 20036

Richard Q. Quigley, Esq. Washington Public Power Supply System P. O. Box 968 Richland, Washington 99352

Nicholas Lewis, Chairman Energy Facility Site Evaluation Council 820 East Fifth Avenue Olympia, Washington 98504

Mr. O. K. Earle Licensing Engineer P. O. Box 968 Richland, Washington 99352

Mr. Albert D. Toth
Resident Inspector/WPPSS-2 NPS
c/c U. S. Nuclear Regulatory Commission
P. O. Box 69
Richland, Washington 99352



## REQUEST FOR ADDITIONAL INFORMATION EMERGENCY PROCEDURE GUIDELINES DRAFT 0, JUNE 30, 1980

- The guidelines reference an Appendix A. We understand that Appendix A
  provides the methods of calculating the limits specified in the guidelines
  and the bases for those guideline steps for which the bases are not
  obvious. Please provide 5 copies of Appendix A to the guidelines.
- 2. Step C1-7.2 on page C1-4 calls for manual actuation of the ADS valves when the water level reaches the top of the active fuel. Analyses previously submitted have assumed earlier ADS actuation. Provide analyses to show that actuation when the water level reaches the top of the active fuel provides adequate core cooling.
- 3. Step C3-1 on page C3-1 calls for staged opening of SRV's for the case of core cooling without injection. Provide analyses to support the table given in step C3-1.
- 4. Cautions 4, 5, 13, 18 and step CC-2.4.2 require the operator to verify adequate core cooling. Describe the various means available to the operator for doing so. Where reliance is on observation that various systems are functioning, provide analyses to show that those systems are adequate.

