

October 17, 1984

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USNRC

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

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Before the Atomic Safety and Licensing Board

OFFICE OF SECRETARY  
DOCKETING & SERVICE  
BRANCH

In the Matter of	)	
	)	
METROPOLITAN EDISON COMPANY	)	Docket No. 50-289
	)	(Restart Remand
(Three Mile Island Nuclear	)	on Management)
Station, Unit No. 1)	)	
	)	

LICENSEE'S FOURTH SUPPLEMENTAL  
RESPONSE TO THREE MILE ISLAND ALERT'S  
FIRST SET OF INTERROGATORIES

On October 9, 1984, Licensee, in its Third Supplemental Response to Three Mile Island Alert's First Set of Interrogatories and in accordance with Licensee's agreement with TMIA, provided a physical description of the alarms actuated by the pressure spike. Licensee did so by describing all alarms on the computer printout that had been previously produced in response to Interrogatory No. 12 of TMIA's First Set of Interrogatories.

In its supplemental response, Licensee indicated that alarms printed on the printout with numbers or question marks in the fifth column had been printed at the request of the computer operator. Licensee has now learned that all but two of the alarms with numbers or question marks in the fifth column were printed automatically rather than at the request of an operator. In addition, the list of alarm numbers in Licensee's

supplemental response requires correction. Accordingly, Licensee provides the following response to correct and supersede its previous response.

Information printed at the request of an operator is printed in black, as are alarms automatically printed to indicate a return to normal conditions (those line entries with NORM in the second or fifth column). Alarms printed automatically in response to alarm conditions are printed in red. That some printout lines are in red cannot be discerned by referral to the photocopied printout previously provided to TMIA (or to the copy Licensee used in preparing its previous response). Licensee will provide TMIA with a copy of the printout annotated to indicate the color of the line entries. Licensee expects the annotated printout to be available tomorrow and will deliver it to TMIA's counsel.

The printing of alarm information in response to the computer operator's request or to indicate a return to normal conditions--printed in black on the printout--triggers no horn, light, or bell. Alarms triggered by actual alarm conditions--those printed automatically in red on the printout--do trigger horns, lights, and/or bells as follows:

The alarms numbered below, if triggered by actual alarm conditions, trigger a flashing light on the annunciator panel and alarm horn. Many of these alarms appear more than once.

Pressing the acknowledge button changes the flashing light to a continuous light and turns off the horn for all alarms that have come in up to that time. The return to normal of these alarms causes the annunciator light to flash again until acknowledged. Elimination of the alarm condition before the acknowledge button is pressed (momentary alarms) does not turn off horn or flashing light.

2818 through 2820	3050
2827 through 2829	3167 through 3170
2833 through 2839	3264 through 3265
2843 through 2845	3278 through 3281
2852 through 2854	0150 through 0151

Alarms not listed above do not trigger lights or the horn. When the printer types these alarms in red, a bell sounds on the printer.

Respectfully submitted,

*Ernest L. Blake, Jr.*

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Ernest L. Blake, Jr., P.C.  
David R. Lewis

Counsel for Licensee

Dated: October 17, 1984

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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Board

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METROPOLITAN EDISON COMPANY	)	Docket No. 50-289 SP
	)	(Restart Remand on
(Three Mile Island Nuclear	)	Management)
Station, Unit No. 1)	)	

CERTIFICATE OF SERVICE

I hereby certify that copies of "Licensee's Fourth Supplemental Response to Three Mile Island Alert's First Set of Interrogatories dated October 17, 1984, were served on those persons on the attached Service List by deposit in the United States mail, postage prepaid, this 17th day of October, 1984.

*Ernest L. Blake, Jr.*  
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Ernest L. Blake, Jr., P.C.

Dated: October 17, 1984

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter )  
 )  
METROPOLITAN EDISON COMPANY ) Docket No. 50-289 SP  
 ) (Restart Remand on Management)  
(Three Mile Island Nuclear )  
Station, Unit No. 1) )

SERVICE LIST

Nunzio J. Palladino, Chairman  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Thomas M. Roberts, Commissioner  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

James K. Asselstine, Commissioner  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Frederick Bernthal, Commissioner  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Lando W. Zeck, Jr., Commissioner  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Administrative Judge  
Gary J. Edles, Chairman  
Atomic Safety & Licensing Appeal  
Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Administrative Judge  
John H. Buck  
Atomic Safety & Licensing Appeal  
Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Administrative Judge  
Christine N. Kohl  
Atomic Safety & Licensing Appeal  
Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Administrative Judge  
Ivan W. Smith, Chairman  
Atomic Safety & Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Administrative Judge  
Sheldon J. Wolfe  
Atomic Safety & Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Administrative Judge  
Gustave A. Linenberger, Jr.  
Atomic Safety & Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Docketing and Service Section (3)  
Office of the Secretary  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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

Atomic Safety & Licensing Appeal  
Board Panel  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Jack R. Goldberg, Esq. (4)  
Office of the Executive Legal  
Director  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Thomas Y. Au, Esq.  
Office of Chief Counsel  
Department of Environmental  
Resources  
505 Executive House  
P.O. Box 2357  
Harrisburg, PA 17120

William T. Russell  
Deputy Director, Division  
of Human Factors Safety  
Office of NRR  
Mail Stop AR5200  
U.S. Nuclear Regulatory  
Commission  
Washington, D.C. 20555

Mr. Henry D. Hukill  
Vice President  
GPU Nuclear Corporation  
P.O. Box 480  
Middletown, PA 17057

Mr. and Mrs. Norman Aamodt  
R.D. 5  
Coatesville, PA 19320

Ms. Louise Bradford  
TMI ALERT  
1011 Green Street  
Harrisburg, PA 17102

Joanne Doroshow, Esquire  
The Christic Institute  
1324 North Capitol Street  
Washington, D.C. 20002

Lynne Bernabei, Esq.  
Government Accountability  
Project  
1555 Connecticut Avenue  
Washington, D.C. 20036

Ellyn R. Weiss, Esq.  
Harmon, Weiss & Jordan  
2001 S Street, N.W., Suite 430  
Washington, D.C. 20009

Michael F. McBride, Esq.  
LeBoeuf, Lamb, Leiby & MacRae  
1333 New Hampshire Avenue, N.W.  
Suite 1100  
Washington, D.C. 20036

Michael W. Maupin, Esq.  
Hunton & Williams  
707 East Main Street  
P.O. Box 1535  
Richmond, VA 23212