

791
RELATED CORRESPONDENCE

TMIA 12/21/84

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION P12:02

OFFICE OF SECRETARY
DOCKETING & SERVICE
Before the Atomic Safety and Licensing Board

In the Matter of)	
)	
METROPOLITAN EDISON COMPANY)	Docket No. 50-289 <i>SP</i>
)	(Restart Remand-
)	Management Phase)
(Three Mile Island Nuclear)	
Station, Unit 1))	

TMIA'S FOURTH LISTING OF BOARD NOTIFICATIONS

Pursuant to the Board's directive, TMIA hereby submits its fourth listing of notifications for the Board and the parties regarding documents within the Joint Mailgram Exhibit stipulation, on which TMIA plans to rely in its Findings of Fact and Conclusions of Law:

Awareness of the pressure spike and/or containment sprays.

Joint Mailgram Exhibit 1 (c), Item 5, p. 143-145, 193-194. (JME Exhibits within category 1(c) will hereinafter be referred to as "JME")

JME 143, pp 54-92.

JME 108, pp. 138-139.

JME 107, p. 48, 66.

JME 81, p. 42, 43.

JME 124, pp. 54, 56-57.

JME 24, pp. 25-26.

JME 116, pp. 4-7, 11, 20.

JME 100, pp. 49-51.

JME 92, pp. 11-13.

JME 41, pp. 12-13.

JME 60, pp. 6-7.

JME 111, pp. 3-4.

JME 31, pp. 17, 23-25.

JME 129, pp. 25-26.

JME 131, pp. 9, 12-13.

JME 137, p. 4.

JME 13, p. 17.

Understanding of pressure spike.

JME 5, pp. 6-9, 73, 147, 194-195.

JME 143, pp. 1-2, 54-92, 96-97.

JME 100, pp. 50-51.

Hydrogen explosion recognized on March 28.

JME 48, p. 19.

Hydrogen discussed as cause for spike by early morning, March 29.

JME 119, 42-43.

JME 2, p. 11.

JME 8, p. 5-6.

Reactor coolant samples taken on March 28.

JME 100, p. 52.

Axiom in an emergency -- "trust your instruments."

JME 81, p. 24.

Significance of pressure spike deduced from looking at the pressure records indicating a spike.

JME 6, p. 64.

JME 43, p. 15-16.

JME 48, p. 19.

Flammable hydrogen could only have resulted from a zirc-water reaction and significant core damage.

JME 6, p. 195.

Instruction not to start equipment after acknowledgment of hydrogen burn.

JME 119, p. 46, 47-48.

JME 124, pp. 66-67.

Containment check after spike.

JME 51, p. 22.

Knowledge of hydrogen or non-condensable gases on March 28 to March 29.

JME 69, pp. 17.

JME 140, pp. 3, 59-75, 95-101, 106-112, 118-122, 147, 199-200, 203, 205-206.

Hydrogen recombiner.

JME 5, p. 196, 200-201.

JME 50, p. 12-19.

JME 78, pp. 128-129.

JME 140, pp. 76-77.

Problems with the pressurizer heaters the day of the accident.

JME 50, p. 5.

JME 6, p. 299.

JME 60, pp. 24-27.

Alarms.

JME 5, p. 136.

Repressurization.

JME 124, p 65.

JME 105, p. 26.

Discussion of and concern over core uncover and significant core damage on March 28, to March 30.

JME 5, pp. 4-6, 8, 12-13, 114, 140, 157, 185, 189, 195.

JME 6, p. 299, 306-307

JME 143, pp. 35-54, 95-96, 117-118.

JME 108, p. 116

JME 81, pp. 18, 28, 44.

JME 124, pp. 9, 14-16.

JME 100, pp. 12-17, 35-37.

JME 92, pp. 13-14.

JME 48, p. 6.

JME 66, p. 129.

JME 140, p. 142.

Accident situation beyond that which operators were familiar, or outside emergency procedures.

JME 5, pp. 114, 189.

JME 143, pp. 35-54, 96.

JME 105, p. 26.

Taking of in-core thermocouple measurements on March 28.

JME 112, p. 24, 26, 29, 30.

2400 degrees known within "think tank."

JME 81, p. 23.

JME 100, pp. 63-65.

In-cores communicated to Miller.

JME 6, p. 297.

JME 124, p. 46.

JME 91, pp. 12.

Temperature readings believed accurate on March 28, and indicated or should have indicated core uncover.

JME 5, pp. 12-14, 186.

JME 6, pp. 185.

JME 143, pp. 17, 22-38, 94-95.

JME 119, p. 33.

JME 52, pp. 11-14.

JME 54, pp. 17-19.

JME 91, p. 12.

JME 112, p. 5, 28, 29.

Information regarding plant status passed on to Parsipanny.

JME 43, 5, 6,

JME 45, p. 5.

JME 49, p. 3.

JME 41, p. 4, 5-8, 12-13.

JME 42, pp. 4, 9-10.

JME 48, pp. 2-4, 6.

Communications with Dieckamp.

JME 45, p. 7-8.

GPUSC role at TMI-2.

JME 66, p. 128.

GPUSC engineers briefed on accident and sent down to the site on March 28.

JME 43, pp. 5-7.

JME 49, p. 2-3.

JME 49, p. 8.

JME 50, p. 4.

JME 41, pp. 4-7.

JME 48, p. 2-4.

George Kunder briefed the GPUSC engineers at approximately 6 p.m. on March 28.

JME 49, p. 5, 8.

JME 50, p. 5.

JME 48, p. 5-6.

Richard Bensel briefed GPUSC engineers at approximately 5 p.m. on March 28.

JME 50, p. 4-5.

Temperature and pressure data collected by Lentz and plotted by the GPUSC engineers on the evening of March 28.

JME 43, pp. 6-7.

JME 49, p. 3.

JME 50, p. 8, 10.

JME 42, p. 5.

JME 48, pp. 3-4, 7, 10.

Broughton and Lentz leave together night of March 28.

JME 48, p. 10.

Parsipanny people communications upon arrival.

JME 43, p. 9.

JME 50, p. 10.

March 29 meeting.

JME 48, p. 11.

Concern in Parsipanny regarding core damage.

JME 43, p. 112.

Knowledge of off-site radiation readings.

JME 42, p. 4, 6.

JME 142, p. 42.

Dieckamp knowledge of offsite-releases.

JME 66, pp. 121-128.

Strip chart with pressure spike photocopied on March 28.

JME 60, pp. 9-11.

Operator debriefings.

JME 49, p. 5.

JME 31, p. 4.

JME 48, p. 11.

Dieckamp background/experience in nuclear field or at TMI.

JME 66, pp. 3-10.

Dieckamp role in bringing outside technical assistance to site.

JME 66, p. 131.

Patterns of withholding information.

JME 143, pp. 103-121, Appendices A-F, H.

JME 142, pp. 35, 36, 40-45.

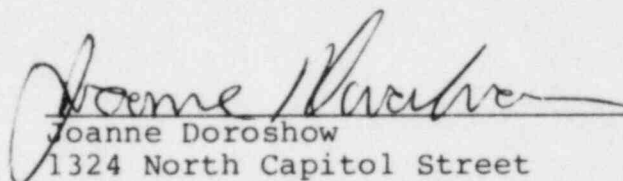
Berry took notes.

JME 13, p. 12.

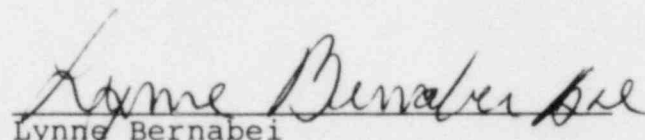
Wandling took notes.

JME 144.

Respectfully submitted,



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Dated: December 21, 1984

Attorneys for Three Mile Island
Alert

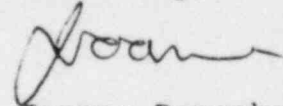
December 21, 1984

Ernest L. Blake, Jr. P.C.
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Dear Ernie:

Enclosed is a copy of an affidavit provided by Joan M. Gutshall, who transcribed the tape of John Herbein's Kemeny Commission Interview of July 19, 1979, Joint Mailgram Exhibit Item 61. This should be appended to Exhibit 61.

Sincerely,



Joanne Doroshow

I hereby certify that this tape recorded proceeding
was reduced to typewriting by me; and that this transcript is
a true and accurate record to the best of my ability.

Joan M. Gutshall
Joan M. Gutshall

*Subscribed & sworn to this
15th day of December 1954.*

Joe A. Luhn
Joe A. Luhn
My Comm. Expires 1-1-57
Marysville, Pa. Perry County

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Board

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

I hereby certify that a copy of the foregoing Three Mile Island Alert's Second Listing of Board Notifications, and letter to Licensee, dated December 21, 1984, has been served this 19th day of December, 1984, by mailing a copy first-class postage prepaid to the following:

Administrative Judge
Ivan W. Smith, Chairman
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Washington, D.C. 20555

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Administrative Judge
Gustave A. Linenberger, Jr.
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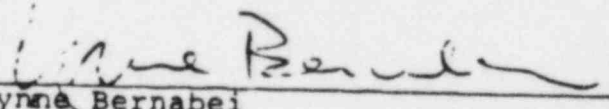
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