

Revised 10 - 2017 - (Change) TUVI)

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IMMEDIATE
PRELIMINARY NOTIFICATION

April 26, 1979

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-79-67AG

This preliminary notification constitutes summary information of an event of safety or public interest significance. The information presented is a summary of information as of 7:00 a.m. on April 26, 1979.

Facility: Three Mile Island Unit 2
Middletown, Pennsylvania (DN 50-320)

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

The average coolant temperature is being maintained at 225 degrees F by admitting steam to the main condenser through the turbine bypass valves. The highest incore temperature reading is 311 degrees F.

Environmental Status

No Aerial Measuring System (AMS) Surveys were made on April 25, 1979.

Iodine concentration at Unit 2 ventilation stack (analyzed by NRC Mobile Laboratory).

<u>Date/Time</u>	<u>Activity (uCi/cc)</u>
4/25 (0004) - 4/25 (0512)	2.0 x 10 ⁻⁸
4/25 (0520) - 4/25 (0658)	1.5 x 10 ⁻⁸
4/25 (0701) - 4/25 (1200)	1.0 x 10 ⁻⁸
4/25 (1200) - 4/25 (1555)	2.0 x 10 ⁻⁸
4/25 (1557) - 4/25 (2010)	1.2 x 10 ⁻⁸
4/25 (2013) - 4/26 (0013)	1.2 x 10 ⁻⁸

Offsite Measurements

Radiation Levels

Offsite radiation levels identified by NRC survey teams continue to be consistent with natural background levels (0.02 mR/hr maximum). These results were obtained from routine daily surveys performed downwind on the east and west sides of the Susquehanna River at distances up to five miles north and south of the site.

Dose rates (47 locations) as measured by NRC thermoluminescent dosimeters (TLDs) for the past 24 hour period continue to be consistent with natural background levels.

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NRC Environmental Samples (Samples taken offsite within 3 miles of site-analyzed in mobile laboratory)

<u>Sample Type</u>	<u>Date of Sample</u>	<u>Number of Samples</u>	<u>Results</u>
air	4/25-26	5	Less than MDA*
milk	4/23-25	6	Less than MDA
daily air	4/24-25	1	Less than MDA
grass	4/23-25	5	Less than MDA

EPA Environmental Samples (Analyzed at Remote Laboratory)

<u>Sample Type</u>	<u>Date of Sample</u>	<u>Number of Samples</u>	<u>Results</u>
air	4/24	29	Less than MDA
air	4/24	2	Range from 5.4 to 7.0 x 10 ⁻¹³ microcuries per cubic centimeter (0.54 to 0.70 picocuries per cubic meter)

All EPA samples were taken at distances greater than 2 miles from the site.

*MDA - minimum detectable activity.

The Commonwealth of Pennsylvania has been informed of these results.

Contact: RCPaulus, IE x27246 DThompson, IE x27246

Distribution: Transmitted H St 1:25

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)
Transmitted: MNBB <u>1:20</u>	P. Bldg <u>1:30</u>	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I <u>1:40</u>
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II <u>1:45</u>
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III <u>1:50</u>
N. M. Haller, MPA	V. Stello, NRR	Region IV <u>2:45</u>
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V <u>2:47</u>
H. K. Shapar, ELD	SS Bldg <u>1:35</u>	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
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IE (TMI) Site 3:05 (Provide copy to STATE)

White House Situation Room _____

FDAA _____ (Provide copies to the Administrator and the Operations Center)

EPA _____

DOE/EOC 10:10 4/27

PEMA _____

BRP (State of PA) 5:00 p.m.

DCPA _____

HEW (~~Disposal~~) _____

Handcarry (FAA) _____

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