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IMMEDIATE  
PRELIMINARY NOTIFICATION

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April 30, 1979

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

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 30, 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 175 degrees F by natural circulation. Steam is being admitted to the main condenser through the turbine bypass valves from the A Steam Generator. The highest incore temperature reading is 323 degrees F.

Environmental Status

One Aerial Measuring System (AMS) Survey was made on April 29, 1979. No radioactivity above natural background was detected.

Iodine concentration at Unit 2 ventilation stack for the 24 hour period ending at 12:25 a.m. April 29 was  $8.21 \times 10^{-9}$  microcuries per cubic centimeter (Analyzed by NRC Mobile Laboratory).

An NRC survey of the site perimeter was conducted on April 29. Radiation levels were in the range of 0.02 - 0.03 mR/hr.

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	4/29	4	Less than MDA*
daily air	4/28-29	1	Less than MDA
milk	4/29	3	Less than MDA
discharge water	4/29	34	Less than MDA
vegetation	4/29	1	2.7 x 10 <sup>-4</sup> microcuries/ square meter

EPA Environmental Samples (Analyzed at Remote Laboratory)

No Sample Results Reported.

The Commonwealth of Pennsylvania has been informed of these results.

\*MDA - minimum detectable activity.

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 10:40

Chairman Hendrie	Commissioner Bradford	S. J. Chilk, SECY
Commissioner Kennedy	Commissioner Ahearne	C. C. Kammerer, CA
Commissioner Gilinsky		(For Distribution)
Transmitted: MNBB <u>10:45</u>	P. Bldg <u>10:50 11:32</u>	J. G. Davis, IE
L. V. Gossick, EDO	H. R. Denton, NRR	Region I <u>11:35</u>
H. L. Ornstein, EDO	R. C. DeYoung, NRR	Region II <u>11:05</u>
J. J. Fouchard, PA	R. J. Mattson, NRR	Region III <u>11:10</u>
N. M. Haller, MPA	V. Stello, NRR	Region IV <u>11:</u>
R. G. Ryan, OSP	R. S. Boyd, NRR	Region V <u>11:15</u>
H. K. Shapar, ELD	SS Bldg <u>10:50 11:00</u>	(MAIL)
	W. J. Dircks, NMSS	J. J. Cummings, OIA
	S. Levine, RES	R. Minogue, SD

IE (TMI) Site 11:26 (Provide copy to STATE)  
 C. Abraham, PA 1:18 (Middletown - TMI-Information Center)  
 White House Situation Room 1:45  
 FDAA 11:40 (Provide copies to the Administrator and the Operations Center)  
 EPA 12:17  
 DOE/EOC 11:29  
 PEMA 2:34  
 BRP (State of PA) 3:45  
 DCPA 4:00  
 HEW 1:30 (Pick up)  
 Handcarry (FAA)

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