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**IMMEDIATE  
PRELIMINARY NOTIFICATION**

July 17, 1979

**PRELIMINARY NOTIFICATION ON EVENT OR UNUSUAL OCCURRENCE -- PNO-79-57AX**

This preliminary notification provides updated information of safety or public interest significance.

**Location:** Three Mile Island, Unit 2  
Middletown, Pennsylvania (DN 60-320)

**Subject:** UPDATED STATUS REPORT

Operational:

1. Average coolant temperature is 163 degrees F. The highest incore thermocouple temperature indication is 259 degrees F. Core flow is being provided by natural circulation. Core cooling is being maintained by steaming the "A" Steam Generator to the main condenser on the bypass valve.

2. Daily measurements of reactor building water level have remained at 7.0 ± 0.2 feet above floor level.

3. Functional testing of the Pressure/Volume Control system has been delayed to allow vendor review of installed nitrogen regulator valves for compatibility with system applications.

Environmental Status

Environmental radiation levels remain consistent with natural background levels. Airborne releases remain well below Technical Specification limits. During July 9 - July 15, 1979, 19 air samples, 2 milk samples, 7 vegetation samples, 2 soil samples and 7 water samples were collected by the NRC. All analytical results were less than MDA. EPA air, water and milk samples collected during the week (up to July 11) showed no detectable activity from TMI.

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**POOR ORIGINAL**