



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV

611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TEXAS 76012

May 22, 1979

*FEIC*

*TERA*

Docket No. 50-382

Louisiana Power and Light Company  
ATTN: Mr. D. L. Aswell  
Vice President Power Production  
142 Delaronde St.  
New Orleans, Louisiana 70174

Gentlemen:

Enclosed is supplement A0 to Preliminary Notification PNO-79-67, "Nuclear Incident at Three Mile Island," dated May 21, 1979.

Should you have any questions regarding this review, please contact this office.

Sincerely,

A handwritten signature in cursive script, appearing to read "W. C. Seidle".

W. C. Seidle, Chief  
Reactor Construction and  
Engineering Support Branch

Enclosure:  
PNO-79-67A0

7906180247

IMMEDIATE  
PRELIMINARY NOTIFICATION

*QUB*

May 21, 1979

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

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 May 21, 1979.

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

Subject: NUCLEAR INCIDENT AT THREE MILE ISLAND

Plant Status

Operational:

1. The average coolant temperature is being maintained at 170 degrees F by natural circulation. Pressure is about 300 psi. Steam is being admitted to the main condenser through the turbine bypass valves from the A Steam Generator. The highest incore temperature reading is 301 degrees F.
2. Hydrostatic testing of the existing decay heat removal system "B" loop has been performed satisfactorily. Leaks have been identified and are being corrected in the "A" loop.
3. The pressurizer has been taken "solid" periodically to obtain confirmatory information on pressurizer level and to check primary system leak rate.
4. The water level in the reactor building was measured and found to be 6.1' above floor level. This is about 450,000 gallons.
5. One of two primary system pressure indications now in use is giving erratic readings. Direct reading pressure gages can be connected to the system if needed.

Environmental Status

Environmental radiation levels continue to be consistent with natural background levels. Approximately six minor releases have occurred during the past week (May 14-20) in conjunction with changing levels in the primary make-up tank and sampling the primary system. Aerial and ground surveys taken during these releases indicated no radiation levels above background, except for a release at 1300 on May 16, when an aerial measurement above the stack read 0.05 mR/hr. No radiation was detected on the ground. During the period May 14-20, approximately 36 air samples were collected and all were less than MDA. Vegetation and milk samples collected during this period also showed no activity above MDA. EPA and FDA air, water milk and food samples collected during this past week up to May 19 showed no detectable activity from TMI.

CONTINUED

DUPLICATE

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*Dupe*

Contact: RCPaulus, IE x27246 DThompson, IE x28487

Distribution: Transmitted H St 11:04

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IE (TMI) Site \_\_\_\_\_ (Provide copy to STATE)  
C. Abraham, PA \_\_\_\_\_ (Additonal - TMI-Information Center)

White House Situation Room \_\_\_\_\_  
FDAA \_\_\_\_\_ (Provide copies to the Administrator and the Operations Center)

PEMA \_\_\_\_\_  
BRP (State of PA) \_\_\_\_\_  
DCPA \_\_\_\_\_  
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IMMEDIATE  
PRELIMINARY NOTIFICATION