

MAR 5 1986

Docket No. 50-289

MEMORANDUM FOR: Harry Kister, Chief  
Projects Branch No. 1

FROM: Allen R. Blough, Chief  
Reactor Projects  
Section 1A

SUBJECT: TMI-1 STATUS REPORT FOR THE PERIOD FEBRUARY 21-28, 1986

Enclosed is the TMI-1 weekly status report from the NRC Resident Office. The enclosed report covers the period from 8:00 a.m., February 21, 1986, to 8:00 a.m., February 28, 1986.

These reports are intended to provide NRC management and the public with highlights from an NRC regulatory perspective of TMI-1 activities for the previous week. Subsequent inspection reports will address most of these topics in more detail.

Original Signed By:

Allen R. Blough, Chief  
Reactor Projects Section 1A  
Branch 1, DRP

Enclosure:  
As stated

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TMI1 WEEKLY STATUS REPORT -

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Harry Kister

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cc w/enclosure:

F. Miraglia, NRR

W. Travers, NRR

J. Thoma, NRR

J. Partlow, IE

T. Gerusky, BRP/DER, Commonwealth of Pennsylvania

R. Benko, Governor's Office of Policy, Commonwealth of Pennsylvania

TMI Alert

Susquehanna Valley Alliance

Friends & Family of TMI

Public Document Room

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bcc w/enclosure:

K. Abraham, RI

P. Lohaus, RI

R. Starostecki, RI

H. Kister, RI

R. Conte, RI (20 cys)

Region I Docket Room (w/concurrences)

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TMI1 WEEKLY STATUS REPORT -

11/29/80

## ENCLOSURE

### TMI-1 STATUS REPORT FOR THE PERIOD FEBRUARY 21-28, 1986

#### 1. Plant Status

As of 8:00 a.m. on February 28, 1986, TMI-1 was at 100% power and at normal reactor coolant temperature and pressure.

#### 2. Facility Operations Summary

Reactor power was maintained at 100% throughout the report period.

#### 3. TMI-1 Staff Status During the Period

During this report period, routine coverage was provided by the normal Region I organization. The staff consisted of the senior resident inspector and resident inspector, supplemented by several Region I based inspectors listed in paragraph 5.

The staff's inspection plan for the month continued to be implemented; this week it covered the primary functional areas of operations, maintenance, surveillance, and radiation protection. The staff continued to evaluate the performance of the plant and licensee personnel.

The last weekly status report for the period February 14-21, 1986, was issued on February 24, 1986.

#### 4. Special Interest Items

##### 4.1 Site Visit by Local Dignitary

Mayor Steven Reed from the City of Harrisburg, visited and toured TMI-1 and 2 during the afternoon of February 26, 1986. The licensee conducted the tour. The Mayor was accompanied by Mr. Kunkle, the city's Fire Commissioner.

##### 4.2 Reactor Protection System Trip Breaker Failure

At 10:30 a.m. on February 26, 1986, during weekly reactor protection system testing, one of the four d.c. reactor trip breakers (CB-2) failed to open when the shunt trip circuitry was tested. Just prior to this, the breaker's undervoltage (UV) trip had been tested successfully. The licensee immediately tested the other three d.c. and two a.c. trip breakers and found them functional. The CB-2 failure was isolated to misaligned electrical contacts that provided control power to the shunt trip device mounted in the breaker cubicle. The shunt trip circuit contact mounting board was realigned and the

breaker tested satisfactorily. The licensee declared the breaker operable the same day. The licensee is evaluating to determine if further, long term corrective actions may be required. The TMI-1 staff will continue to follow this event.

This event involved a partial failure of one breaker. Since the UV trip was functional, the breaker would have functioned on demand. Loss of protection would occur only if both trip features (shunt and UV) failed on both a d.c. breaker and the corresponding a.c. breaker.

#### 4.3 Condenser Off-Gas Monitor

About 1:25 a.m., February 28, 1986, the licensee found that a condenser off-gas radiation monitor had been inoperable for the previous seven hours. It had been left isolated after the sample line trap was blown down (a routine shiftly operation) the previous shift. A backup monitor was operable, but it indicates locally only. Review of its chart recorder indicates that no abnormal release occurred while the primary monitor was out of service. The licensee is evaluating the event and the resident inspectors will follow-up on-site.

#### 4.4 Meeting with Members of Friends and Family of TMI

On February 26, 1986, at 7:30 p.m., the Chief of Projects Section No. 1A and the TMI-1 Senior Resident Inspector met with the general membership of Friends and Family of TMI. The primary purpose of the meeting was to discuss the role of the NRC staff at TMI-1, focusing on the transition from the TMI-1 Restart Staff to the permanent four-resident coverage under the normal Region I organization. Licensee personnel and plant performance were also discussed.

Several members expressed opinions that NRC inspection coverage at TMI-1 was excessive. This contrasts with the bulk of correspondence from the public to NRC Region I -- most letters support extra NRC inspection coverage. Also, several attendees stated that the 10 mile Emergency Planning Zone was too large, and that nonradiological hazards of evacuation were greater than radiological hazards of any foreseeable events. I explained that those making decisions in an emergency must weigh both the potential hazards and potential benefits of the protective action options.

5. TMI-1 Staff Composition During Period

The TMI-1 staff was comprised of the following personnel during the period:

- A. R. Blough, Chief, Reactor Projects Section 1A
- R. J. Conte, Senior Resident Inspector
- F. I. Young, Resident Inspector
- R. J. Urban, Reactor Engineer
- W. H. Baunack, Project Engineer
- D. R. Haverkamp, Reactor Licensing Engineer
- D. M. Johnson, Reactor Engineer
- C. P. Hix, Secretary