

FEB 11 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 JANUARY 31 -
FEBRUARY 7, 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., January 31, 1986, to 8:00 a.m., February 7, 1986, and is issued weekly by Projects Branch No. 1.

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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cc w/enclosure:

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W. Travers, NRR

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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

Local Public Document Room

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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H Kister
H Kister
2/10/86

ENCLOSURE

TMI-1 STATUS REPORT FOR THE PERIOD JANUARY 31 - FEBRUARY 7, 1986

1. Plant Status

As of 8:00 a.m. on February 7, 1986, TMI-1 was at 100% power with normal reactor coolant temperature and pressure.

2. Facility Operations Summary

At the start of this report period the facility was in a cold shutdown condition in order to permit work on extraction steam line expansion bellows inside the main condensers. Expansion bellows replacement work was completed February 2, 1986, and a plant heatup was started. At 1:50 p.m. on February 4, 1986, the reactor was made critical and the plant was returned to power operation later the same day. The plant remained at power the remainder of the report period.

3. Items of Special Interest

3.1 Steam Line Expansion Bellows Repair

Following the discovery of two severely damaged eighth stage extraction steam line expansion bellows in the "C" condenser, the same eighth stage bellows in the "A" and "B" condensers were inspected and some damage noted. All six expansion bellows were replaced. Also, a thorough search of the condensers was performed in order to locate and remove parts of the damaged bellows. The removed bellows were sent offsite for metallurgical examination to determine the cause of the failure. Following restart of the plant, an approximate 35 Mwe increase in electrical output was noted due to improved plant efficiency with the bellows leak corrected.

3.2 Issuance of Notice of Violations

On January 29, 1986, a Notice of Violation was issued to GPUN by the NRC's Office of Inspection and Enforcement (IE). These violations were issued as a result of an IE review of nine investigations documented in Supplement 5 to the NRC's Safety Evaluation Report on TMI-1 Restart (NUREG 0680, Supplement 5). As a result of the review, apparent violations were identified pertaining to TMI-1 leak rate tests performed during 1978 and 1979. These violations pertained to: (1) lack of adequate procedures and a failure to follow the procedures for leak rate surveillance; (2) failure to maintain sufficient records required for leak rate surveillance testing; and (3) the failure to correct deficiencies or malfunctions once they were identified. These violations were collectively evaluated as a Severity Level III problem with no civil penalty imposed. Since corrective actions have already been examined and accepted by the NRC, no response to the violations is required.

4. 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; and, this week, it covered the primary functional areas of operations, maintenance, surveillance, and fire protection. The staff continued to evaluate the performance of the plant and licensee personnel. Unannounced backshift inspections included observations of outage activities and plant startup.

The last weekly status report for the period January 24, 1986, to January 31, 1986, was issued on February 4, 1986.

During this period, Region I issued one preliminary notification on February 5, 1986, concerning the plant restart following extraction steam line bellows replacement.

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. N. Baunack, Project Engineer
- A. G. Krasopoulos, Reactor Engineer
- C. P. Hix, Secretary