

GPU Nuclear Corporation
Post Office Box 480
Route 441 South
Middletown, Pennsylvania 17057-0191
717 944-7621
TELEX 84-2386
Writer's Direct Dial Number:

July 18, 1984
5211-84-2184

Office of Nuclear Reactor Regulation
Attn: John F. Stolz, Chief
Operating Reactors Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Stolz:

Three Mile Island Nuclear Station, Unit 1, (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Steam Generator Tube Plugging Update

The purpose of this letter is to provide you with a current status of recent tube plugging efforts. This information supplements the information provided to you by my letters of June 27, 1984 and July 3, 1984.

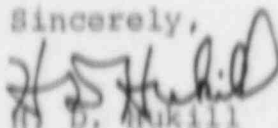
The status of recently plugged tubes is provided on the enclosed table. The tabulated tubes have been plugged or dispositioned as not requiring plugging.

In addition to the above tubes, 5 Westinghouse rolled plugs (3 in the "A" OTSG and 2 in the "B" OTSG) were discovered missing from the lower tube sheets. These missing plugs were discovered during a 100% reconfirmation that was performed as a result of the plugging problems identified in the OTSG upper tube sheets.

The 5 missing plugs are believed to be lost in the reactor coolant system probably in the reactor vessel. Efforts are underway to determine the cause of the plugs being dislodged and the need, if any, for retrieving them at this time.

Based on the above, the schedule suggested in my July 3, 1984 letter is changed. No firm revised schedule for return to service has been established. However, return to service is not expected before August 1984. We will inform you of our revised schedule as soon as sufficient information is available.

8407230010 840718
PDR ADOCK 05000289
P PDR

Sincerely,

M. D. Mikill
Director, TMI-1

HDH/CWS/jrg
Enclosure
cc: R. Conte
J. Van Vliet

Acc 11/1

OTSG TUBES PLUGGED SINCE JUNE 27, 1984

<u>OTSG</u>	<u>TUBE NUMBER</u>	<u>PLUG TYPE</u>	<u>REASON FOR PLUGGING</u>
A	135-72	Welded plug UTS	An adjacent tube (134-74) was plugged in error instead of tube 135-72. Tube 135-72 was plugged to correct the error.
A	148-35	Welded plug UTS	Tube 148-35 was plugged previously. The plug is believed to have been dislodged and relocated to tube 65-38. The plug was removed from tube 65-38 and a plug was re-installed in tube 148-35 as required.
B	80-45	Welded plug UTS Explosive plug LTS	See letters dated June 27, 1984 and July 3, 1984
B	77-07	Explosive plug LTS	A second explosive plug was installed in the LTS to correct a previously installed explosive plug that was leaking.
B	79-41	Welded plug UTS Explosive plug LTS	This tube was plugged as a precaution since it was leaking more than desired. (See also letter dated July 3, 1984)
B	70-08	Welded plug UTS Explosive plug LTS	A re-review of the ECT tapes for the approximately 70 "sample population" tubes identified a defect which had been present in previous ECT tapes but was missed during reviews because it was at the threshold of ECT sensitivity. Therefore, this tube was plugged as required.