

April 26, 1990

Docket No. 50-320

Mr. Michael B. Roche
Vice President/Director
Three Mile Island Unit 2
GPU Nuclear Corporation
P. O. Box 480
Middletown, Pennsylvania 17057

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ACRS(10)

Dear Mr. Roche

SUBJECT: THREE MILE ISLAND UNIT NO. 2 MODE CHANGES (TAC NO. 74532)

The NRC staff has completed its review of the Defueling Completion Report through Rev. 5 (February 22, 1990), and your letter of April 12, 1990, documenting the results of the post-lower head sampling program cleanup. The details of our review will be documented in a forthcoming inspection report. The inspection report will contain some restrictions on future cleanup activities based on our evaluation of your fuel enrichment assumptions used in determining safe fuel mass limits.

However, we have determined, based on our review of your criticality analysis, a review of defueling records and video inspection tapes and an inspection of the reactor building that you have complied with the conditions in Table 1-1 of the Appendix A Technical Specifications for transition from Mode 1 to Mode 2. Furthermore, your submittal of February 10, 1989, providing the results of your review of 10 CFR Part 50 technical regulatory requirements satisfies the requirement for such an analysis contain in Section 1.3 of the TMI-2 Technical Specifications as a condition for entering Mode 2 from Mode 1. The staff therefore has no objection to your transitioning from Mode 1 to Mode 2 on April 26, 1990.

The staff has also received your letter dated April 20, 1990 which informs the NRC that no canisters containing core material are stored on the TMI-2 site. This was verified by the NRC staff on April 20, 1990. According to table 1-1 of the Appendix A Technical Specifications for TMI-2 transition from Mode 2 to Mode 3 can occur. We have no objection to your transitioning the plant from Mode 2 to Mode 3 on April 27, 1990 as requested.

Sincerely,

/s/

John F. Stolz, Director
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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