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Docket No. 50-320

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December 18, 1984

Docket No. 50-320

Mr. F. R. Standerfer
Vice President/Director
Three Mile Island, Unit 2
GPU Nuclear Corporation
P.O. Box 480
Middletown, PA 17057

Dear Mr. Standerfer:

Subject: Three Mile Island Nuclear Station, Unit 2
Operating License No. DPR-73
Docket No. 50-320
Heavy Load Travel Inside Containment

The staff has reviewed your letter dated November 1, 1984, which provides an analysis to support the expansion of the TMI-2 reactor building heavy load travel boundaries. We concur with your safety evaluation report (SER) subject to the satisfactory resolution of the following comments.

Section 2.0 describes activities that "should" precede all load handling activities. It is the staff's opinion that these activities be requirements, not recommendations, prior to any load handling activities. This change would make this SER consistent with your Lifting and Handling Program (4000-PLN-3891.01). Secondly, you should explain to the staff how the new exclusion area boundaries will be controlled to insure that the polar crane operator does not inadvertently travel into a restricted zone. Thirdly, you should also include in Section 1.3 as a heavy load exclusion area during defueling operations, the deep end of the fuel transfer canal, and any other area in containment where fuel container canisters are transferred and stored. In addition, for Figures 3.3-1, 3.3-2 and 3.3-3, the exclusion area should be indicated by markings on the drawing. Presently, only a boundary is indicated. There are no indications on the drawing, which may be used apart from the SER discussion, to indicate whether the exclusion area is within or outside of the indicated boundary.

You should note that although we are approving the subject document, Section 3.10 of the Proposed Technical Specification still requires you to obtain NRC approval before loads in excess of 2400 pounds are moved over the vessel, the incore instrument seal table and other areas not previously analyzed in an NRC approved load drop analysis.

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| DATE | 12/17/84 | 12/17/84 | 12/17/84 |

Mr. F. R. Standerfer

-2-

The activities discussed in your SER fall well within the scope of those previously assessed in the staff's Programmatic Environmental Impact Statement. Therefore, subject to the satisfactory resolution of our comments, your SER for load handling inside containment is acceptable.

Sincerely,

Original signed by
B. J. Snyder

Bernard J. Snyder, Program Director
Three Mile Island Program Office
Office of Nuclear Reactor Regulation

cc: T. F. Demmitt
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