

November 30, 1982

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Docket No. 50-219  
LS05-82-11-087

Mr. P. B. Fiedler  
Vice President & Director  
Oyster Creek Nuclear Generating Station  
Post Office Box 388  
Forked River, New Jersey 08731

Dear Mr. Fiedler:

SUBJECT: SAFETY EVALUATION REPORT - TMI ACTION PLAN ITEMS I.A.2.1.4,  
UPGRADING OF RO AND SRO TRAINING, AND II.B.4.1, TRAINING FOR  
MITIGATING CORE DAMAGE

Oyster Creek Nuclear Generating Station

This letter transmits the Safety Evaluation Report (SER) regarding TMI  
Action Plan Items I.A.2.1.4, Upgrading of RO and SRO Training, and  
II.B.4.1, Training for Mitigating Core Damage.

Enclosed is a copy of the Science Applications, Inc. (SAI) Technical  
Evaluation Report (TER) dated August 31, 1982 which provides the basis  
for our evaluation.

Based on our review, we conclude that the requirements of TMI Action  
Plan Items I.A.2.1.4 and II.B.4.1 have been met as stated in the  
enclosed SER. Therefore, our review of these items is complete.

Sincerely,

Original signed by

Dennis M. Crutchfield, Chief  
Operating Reactors Branch #5  
Division of Licensing

*SEO1  
DSA WSE (SI)*

- Enclosures:  
1. Safety Evaluation Report  
2. Technical Evaluation Report

cc w/enclosures:  
See next page

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PDR ADOCK 05000219  
PDR

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SURNAME	JLombardo	DCrutchfield					
DATE	11/30/82	11/30/82					

Mr. P. B. Fiedler

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November 30, 1982

CC

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## SAFETY EVALUATION REPORT

(ITEMS I.A.2.1.4 and II.B.4.1 of NUREG 0737)

### OYSTER CREEK NUCLEAR GENERATING STATION

DOCKET NO. 50-219

#### 1.0 INTRODUCTION

As a consequence of the accident at TMI-2, implementation of a number of new requirements has been recommended for operating reactors. These requirements are described in NUREG-0660, "NRC Action Plan Developed as a Result of the TMI-2 Accident," May 1980, and NUREG-0737, "Clarification of TMI Action Plan Requirements," November 1980. The NRC staff has requested licensees to submit information sufficient to permit an independent evaluation of their response to these requirements. This report provides an evaluation of the response to TMI Action Plan Items I.A.2.1.4 and II.B.4.1 by Jersey Central Power and Light Company/GPU Nuclear Corporation (GPU).

#### 2.0 EVALUATION

##### ITEM I.A.2.1.4

GPU has modified the initial and requalification training programs to include training in areas required by TMI Action Plan Item I.A.2.1.4. The training programs include instruction in heat transfer, fluid flow, thermodynamics and mitigation of accidents involving a degraded core. The training programs provide an increased emphasis on reactor and plant transients.

AN NRC staff contractor, Science Applications Incorporated (SAI), has reviewed the licensee's submittals and prepared the attached Technical Evaluation Report. The NRC staff has reviewed this evaluation and concurs in its basis and findings.

Implementation of these training programs is subject to verification by the NRC staff.

##### ITEM II.B.4.1

GPU has developed a training program to teach the use of installed equipment and systems to control or mitigate accidents in which the core is severely damaged.

The program includes training subjects equivalent to those specified in Enclosure 3 to the letter from H.R. Denton to all power reactor applicants and licensees, dated March 28, 1980. SAI's review of GPU's program indicates that the training content meets the staff requirements of TMI Action Plan Item II.B.4.1.

SAI noted one aspect of this item that did not appear to meet the NRC requirements for persons who must participate in this training program. Shift technical advisors and operating personnel from the plant manager through the operations chain to the licensed operators shall receive training for mitigating core damage. The licensee stated that this training was given to these individuals and listed the specific titles of people trained. SAI correctly noted that the senior onsite manager (Director, Station Operations) was not identified as being given accident mitigation training. SAI's determination that the Director of Station Operations is the senior on-site manager is correct, based on Technical Specification 6.1.1, which states that the Director of Station Operations is responsible for overall facility operation. In subsequent discussions with RI staff, GPU stated that they had interpreted "plant manager" to be equivalent to their Plant Operations Director, but now agreed that the person responsible for overall facility operation per T.S. 6.1.1 is the appropriate senior on-site manager to receive this training. Under a recently approved change to Technical Specifications, this responsibility falls to the Vice President - Director Oyster Creek and his Deputy Director, Oyster Creek. GPU has committed to provide the training for mitigating core damage that meets the requirements of Item II.B.4.1 to these individuals. This commitment is documented in NRC Inspection Report 82-25. Completion of this training will be verified by NRC RI staff.

This completes the action required by Item II.B.4.1. However, future changes to the facilities, such as installation of additional instrumentation to detect conditions of inadequate core cooling, should be reflected in updates to the training program.

### 3.0 CONCLUSIONS

The information submitted by GPU provided sufficient details of the programs for upgrading RO and SRO training and for training for mitigating core damage for the staff to conclude that the requirements of TMI Action Plan Items I.A.2.1.4 and II.B.4.1 have been met.