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Revises sched for completion of Westinghouse work re resolution of upper plenum injection of ECCS water due to resolution of Zirconium-water inconsistency. Also forwards sched of Exxon Nuc Corp work on UPI.

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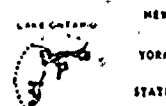
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ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649

LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
AREA CODE 716 546-2700



October 31, 1978

Director of Nuclear Reactor Regulation
ATTN: Mr. Dennis L. Ziemann, Chief
Operating Reactors Branch #2
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Ziemann:

On March 15, 1978 we informed you of the Westinghouse Electric Corporation schedule and plans for permanent resolution of the staff concerns about upper plenum injection (UPI) of emergency core cooling system (ECCS) water. At that time we projected a schedule which called for completion of the Westinghouse work near the end of 1978. After that schedule was submitted Westinghouse discovered a logic inconsistency in the manner in which the zirconium-water reaction was handled in ECCS calculations. As a result, manpower was shifted from the UPI project to resolution of the zirconium-water inconsistency and completion of the UPI work has been delayed by 3 or 4 months. The revised schedule for completion of the Westinghouse UPI work is shown below:

<u>Program Work</u>	<u>Completion Date</u>
Model Development	December 1978
Generic Sensitivity Studies	January 1979
Plant Calculation	April 1979

It will be desirable to discuss the capabilities of the completed model with you prior to performing extensive calculations. If the NRC staff requires changes to the completed model, sensitivity studies and plant calculations may be postponed to incorporate model changes.

Exxon Nuclear Corporation is also working to resolve staff concerns about UPI. The Exxon schedule is as follows:

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ROCHESTER GAS AND ELECTRIC CORP.

SHEET NO.

DATE October 31, 1978

TO Mr. Dennis L. Ziemann, Chief

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Program Work

Completion Date

Develop System Model with Preliminary Core Energy Release Model

December, 1978

Finalize Energy Release Model

January, 1979

Perform Sample Problem Calculation

February, 1979

Document Model and Results of Sample Problem

March, 1979

Specific Plant Calculation

To Be Determined

Both of the above schedules include only that work to be performed by the respective fuel vendor. Review by Rochester Gas and Electric and NRC personnel will require additional time.

Sincerely yours,

L. D. White, Jr.

L. D. White, Jr.

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