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August 13, 1979

Mr. Robert L. Baer, Chief
Light Water Reactors Branch No. 2
Division of Project Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Baer:

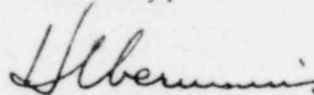
Additional Information on
Topical Report UEC-TR-006-0

As a result of your review of our topical report "Prediction of Containment Pressure-Temperature Transients Using CONTRAST-S, A Digital Computer Program", UEC-TR-006-0, you requested additional information with your letter of 29 November 1978. Attached please find 35 copies of our response.

Attachment I describes CONTRAST-S MOD1, a modification of the basic program. The modification provides the capability for modeling superheated conditions in the containment atmosphere following rupture of a high-energy line in the containment. We provide this modification to respond to your questions dealing with superheat conditions, and would appreciate your review of the revision of the mathematical model.

Attachment II contains our specific responses to your requests for additional information.

Sincerely,



H. L. Bermanis
Manager-Licensing

Enclosures

- CONTRAST-S MOD1
- Responses to RAIs

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ATTACHMENT I

CONTRAST-S MOD1

A DIGITAL COMPUTER PROGRAM TO PREDICT
CONTAINMENT PRESSURE-TEMPERATURE RESPONSES

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