



Metropolitan Edison Company
Post Office Box 480
Middletown, Pennsylvania 17057

Writer's Direct Dial Number

November 18, 1981
LL2-81-0269

TMI Program Office
Attn: Dr. B. J. Snyder, Program Director
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Safety and Radiological Evaluation of the
Containment Building Decontamination Experiment



Enclosed for your approval is the Safety and Radiological Evaluation of the Containment Building Decontamination Experiment. This document represents the radiological and safety evaluation of activities to be performed in the containment as given in the TMI-2 "Containment Building Decontamination Experiment Purpose and Scope of Work" transmitted to you on October 30, 1981. Included are evaluations of the following:

- a) Effluents to the environment.
- b) Occupational exposures.
- c) Radioactive waste management.
- d) Safety evaluation (10CFR50.59).

Based upon these evaluations GPU concludes that:

1. Offsite releases and doses for the decontamination experiment are well within the bounds of the TMI-2 Technical Specification limits, even making very conservative assumptions and incorporating a larger scope of activities than the decontamination experiment.
2. Occupational exposures to perform the decontamination experiment are consistent with ALARA considerations.
3. The decontamination experiment does not constitute an unreviewed safety question as defined by 10CFR50.59.

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Accordingly, we request that you approve the Radiological and Safety Evaluation, as well as the Scope, and authorize performance of the

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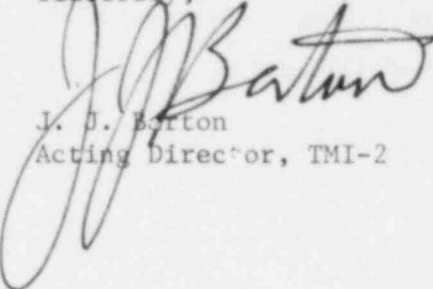
Dr. B. J. Snyder

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Decontamination Experiment upon your verification that requisite administrative controls are in place.

Sincerely,

A large, stylized handwritten signature in dark ink, appearing to read "J. J. Burton". The signature is written over the typed name and title.

J. J. Burton
Acting Director, TMI-2

JJB:JEL:djb

Enclosure

cc: L. H. Barrett, Deputy Program Director