

JAN 4 1991

Docket No. 70-152
License No. SNM-142

Purdue University
ATTN: Dr. James F. Schweitzer
Radiation Safety Officer
Department of Radiological and
Environmental Management
Civil Engineering Building, B173
West Lafayette, IN 47907

Gentlemen:

This is in response to your letter dated March 26, 1990, requesting exemption from the requirement to submit an emergency plan for your Fast Breeder Blanket Facility (FBBF), where criticality accident alarms have been installed in accordance with the provisions of 10 CFR 70.24. You have correctly noted that 10 CFR 70.22(i) requires you to submit, as part of your application for License No. SNM-142, an emergency plan, as a consequence of the requirement for the criticality alarms. However, Section 70.22(i)(1)(i) provides you the alternative of submitting an evaluation showing that a criticality accident would not expose, beyond the prescribed limits, a member of the public offsite, and you have chosen to submit such an evaluation in lieu of an emergency plan.

We have reviewed your submission and have determined that it satisfies one or more of the factors listed in Section 70.22(i)(2) that may be used to support your evaluation.

We, therefore, agree with you that an emergency plan need not be submitted for the FBBF facility, insofar as License No. SNM-142 is concerned.

Sincerely,

Original Signed By:

Charles J. Haughney, Chief
Fuel Cycle Safety Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

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