

70-1257

PDR

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EXXON NUCLEAR COMPANY, INC.2101 HORN RAPIDS ROAD, PO BOX 130, RICHLAND, WA 99352
(509) 375-8100 TELEX: 15-2878

June 26, 1985

Mr. W. T. Crow, Section Leader
 Uranium Process Licensing Branch
 Division of Fuel Cycle and Material Safety
 U.S. Nuclear Regulatory Commission
 Washington, D.C. 20555

License No. SNM-1227
 Docket No. 70-1257

Dear Mr. Crow:

Exxon Nuclear Company, Inc. requests an exemption from 10 CFR 70.24(a) for the purpose of performing preventive maintenance on our criticality alarm system. The current system has been in service for the life of the plant and some electrical deterioration has taken place. There will be times during the maintenance period when certain areas of the plant will not be covered by the criticality detection and alarm system. During these periods, those portions of the plant not covered will be shutdown as far as operations with special nuclear material is concerned. These areas will go to a storage mode where all special nuclear material will be stored in safe configurations.

It is felt that this approach to system maintenance on a planned basis is much preferable to operation to system failure followed by repair on a non-scheduled basis. We will plan to perform as much of this work as possible on weekends and off-shifts when the number of employees onsite are minimal.

We do not feel that a criticality is credible with all special nuclear material in a safe storage configuration; however, we will have Health Physics personnel on-plant during the maintenance outage who will perform area surveys.

Enclosed is a check for \$150.00 to cover the entire fee.

We greatly appreciate your assistance in this matter.

Very truly yours,

C. W. Malody
 C. W. Malody
 Licensing Specialist



clc

Applicant	...
Check no.	65475
Amount	Fee Category \$150.00
Type of Fee	AMD
Date Check Rec'd	7/17/85
Received By	Chen

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AN AFFILIATE OF EXXON CORPORATION

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