

FEB 12 1988

DOCKET NO.: 70-687

LICENSE NO.: SNM-639

APPLICANT: CINTICHEM, INC.

INSTALLATION: TUXEDO, NY

SUBJECT: SAFETY EVALUATION REPORT - POSSESSION LIMIT FOR  
UNSELF-PROTECTED U-235

By letter dated November 12, 1987, Cintichem requested that the NRC issue an amendment to Special Nuclear Material License No. SNM-639 to place a possession limit of 4.99 kilograms of unself-protected, high-enriched U-235 at the site. This change affects Condition 8.B of the license and Section I-1.4.B of the Consolidated Application Appendix A.

These changes limit Cintichem's possession of strategic special nuclear material on site to less than a formula quantity of unself-protected U-235 and allow Cintichem to be exempt from the requirement to submit a Fundamental Nuclear Material Control Plan as required by 10 CFR 74.51(c)(1). Inasmuch as the total possession limits at the site are not changed at all, and the form of possessed high enriched U-235 becomes more restrictive, there is no increase in risk to the environment or public from this change.

In order to accommodate these changes in the license, page 1 and page I.1-1 have been revised to show the new policy for the possession of high enriched U-235.

Based on the staffs review and evaluation, we find that the health and safety of the public and workers will be unaffected by the proposed changes and the amendment should be issued.

Gary C. Comfort  
Advanced Fuel and Special  
Facilities Section  
Fuel Cycle Safety Branch

ORIGINAL SIGNED BY:

Approved:

LeTand C. Rouse, Chief  
Fuel Cycle Safety Branch

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