

70-687

CINTICHEM, INC.
a wholly owned subsidiary of
Medi-Physics, Inc.

P.O. BOX 816, TUXEDO, NEW YORK 10987 (914) 351-2131

February 22, 1990

Mr. Charles Haughney
Branch Chief INSB
NMSS
Mail Stop 6H3
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Haughney:

Cintichem, Inc. owns and operates a hot laboratory facility in Tuxedo, New York under Special Nuclear Materials License SNM-639 of Docket 70-687. This letter is being written to request a license amendment.

Specifically, our SNM-639 license in Section 4.2.8 allows waste form process cylinders to be stored in the gamma pit in any quantity provided they are stored in 12" spaced criticality racks. We request Section 4.2.8 to be changed to specify that the waste form process cylinders, when stored in 12" spaced criticality safe racks can be stored in the gamma pit, canal, and/or reactor pool. Section 4.2.8 should also mention that the waste form process racks can be stored with reactor fuel provided the reactor fuel is stored in 6" center to center spaced racks (R-81 License Section 5.6.2). The criticality safety of this storage was addressed in R. A. Strack's May 25, 1989 submittal to Dr. R. R. Bellamy of Region I's Division of Radiation Safety and Safeguards.

A 10 CFR 170 amendment fee check is being processed and will be sent under separate cover.

Your cooperation in expediting this amendment request is appreciated.

Sincerely,

W.G. Ruzicka
William G. Ruzicka
Manager, Nuclear Operations

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cc: Mr. G. Comfort

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delete: LPDR

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