

CINTICHEM, INC.

P.O. BOX 816

TUXEDO, NEW YORK 10987 [914]-351-2131

50-54
70-687

August 14, 1991

Mr. Steve Zobel
New York State Department of
Environmental Conservation
50 Wolf Road
Albany, NY 12233

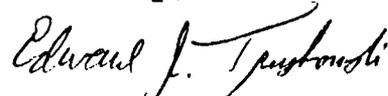
Dear Mr. Zobel:

As we discussed on August 13, 1991, Cintichem is requesting a variance to our SPDES permit (NY0004464) regarding radioactive discharge at outfall 001 (Indian Kill Brook). According to our latest permit regarding this outfall "the total radioactivity in the liquid discharges shall not exceed 10 millicuries annually".

Inventory of tritium in the canal/reactor pool approaches 150 mCi. Processing of this water by deionization or evaporation will not lower the tritium concentration before environmental release. Since this water is scheduled to be off site starting in 1991 we are requesting a 150 mCi annual limit for tritium added to the above mentioned 10 mCi annual limit for the 001 outfall.

If any further information is required, please do not hesitate to contact me at 914-351-2131.

Sincerely,



Edward J. Truskowski
Manager, Health, Safety and
Environmental Affairs

EJT/bjc

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New York State Department of Environmental Conservation
August 14, 1991
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cc: Director, Bureau of Radiation
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