UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 6, 1997

Mr. James J. McGovern President/Plant Manager Cintichem. Inc. P.O. Box 816 Tuxedo, New York 10987

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EG,

Dear Mr. McGovern:

I am writing in response to your letter, dated February 20, 1997, requesting an amendment to Condition H of your radioactive materials license. Condition H requires that Cintichem complete the decommissioning of its Tuxedo. New York, facility by January 16, 1996, unless good cause is shown, based on technical feasibility or risk reduction considerations, to extend this deadline. As summarized in your letter, additional contamination was discovered during final status surveys requiring additional remediation, and these additional remedial activities have extended the time required to perform final surveys.

The Nuclear Regulatory Commission staff typically requires that licensees include schedules for decommissioning projects in decommissioning plans, which are reviewed and approved as amendments to radioactive materials licenses, to ensure that licensees complete the decommissioning of their facilities in a timely manner. Cintichem has been actively decommissioning its Tuxedo, New York, facility since the approval of the decommissioning plan in January 1992, and has demonstrated significant progress in completing the project (currently most remedial activities have been completed and final and/or confirmatory surveys are underway). Therefore, the staff does not believe that Cintichem has acted in a manner that is inconsistent with the goal of completing the decommissioning project in a timely manner. In addition, the factors cited by Cintichem for not completing the decommissioning activities in accordance with Condition H meet the conditions for extending the completion date in Cintichem's radioactive materials license. . .

Based on these factors, the Nuclear Regulatory Commission staff has concluded that it is appropriate to extend the timeframe for completing the decommissioning of Cintichem's Tuxedo, New York, facility until December 31, 1997. Therefore, your license is amended to reflect that the completion date for the decommissioning is December 31, 1997. A copy of this amendment is enclosed.

This amendment does not relieve Cintichem from responding to the Severity Level IV violation identified in the letter of February 6, 1997, from Mr. John R. White of NRC's Region I office. The requirements of that letter in response to the noted violation are not changed by this amendment.

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If you have any questions concerning this matter, please contact Dominick A. Orlando at (301)-415-6749.

Sincerely.

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John W. N. Hickey, Chief Low-Level Waste and Decommissioning Projects Branch Division of Waste Management Office of Nuclear Material Safety and Safequards

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J. McGovern

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Sincerely,

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John W. N. Hickey, Chief Low-Level Waste and Decommissioning Projects Branch Division of Waste Management Office of Nuclear Material Safety and Safeguards

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Enclosure: As stated

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	E.	The lice	licensee may make minor changes to the nse, without a license amendment, prov	e conditions vided that:	descri	bed i	n thi	S	
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3. The changes do not cause a decrease in the protection of the public health and safety and the environment offered by the existing license condition.

A change shall be deemed to involve an unreviewed safety question, if an accident analysis for the change: (i) results in consequence values exceeding the values of the accident analysis described in the licensee's decommissioning plan, as supplemented, or the probability of occurrence for the types of events there evaluated is judged to increase; (ii) reveals a possibility for an accident of a different type, than previously evaluated or; (iii) the margin of safety defined in the basis for any technical specification is reduced

Prior to initiating any changes to the license conditions allowed under Condition E, the licensee shall prepare a safety evaluation of the effect of This evaluation shall be reviewed and approved by the the change. licensee's Nuclear Safeguards Committee and, as appropriate, the licensee's Radiation Safety/ALARA Committee, and shall provide the basis for determining that the change will not involve an unreviewed safety question. a significant increase in radiation exposure to employees or a decrease in the protection of the public health and safety and the environment offered by the existing license condition -- Records of evaluations and approvals of changes shall be maintained by the licensee

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2.

F. ' The licensee shall decontaminate the reactor building, hot laboratory building, waste building and areas associated with the operations carried out under license SNM-639 to the unrestricted release criteria outlined i Table 5 of Section 38.29 of 12 NYCRR 38. In those instances where NRC and New York State criteria differ, the more restrictive criteria will apply. In addition to the criteria outlined above, the licensee shall ensure that: See. 14

Prior to demolition all buildings and structures exhibit exposure rates 1 of less than 5 μ R/hr above background at one meter; The state

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The results of all soil characterization data are submitted to. approved by, and verified by NRC prior to release of the site. NRC's evaluation will ensure that exposure to this soil will not result in a dose to the public in excess of the criteria established in Condition G. following unrestricted release of the site.

G. The licensee shall develop residual soil contamination limits that the licensee intends to use as unrestricted release criteria. Those criteria will be based on the principle that residual contamination shall be as low as reasonably achievable (ALARA). The licensee shall submit these limits to NRC for evaluation, within 6 months of the effective date of this amendment. This deadline may be extended by the Commission, if the licensee demonstrates good cause basded on technical feasibility (including circumstances that arise which were not foreseeable or were beyond the control of the licensee). Upon review and approval by NRC, the licensee shall ensure that all soil remaining on-site at the completion of the decommissioning operations is within these criteria.

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- H. As outlined in the licensee's decommissioning plan, as supplemented, the licensee shall complete the decommissioning by December 31, 1997. This deadline may be extended by the NRC, if the licensee demonstrates good cause based on technical feasibility (including circumstances that arise which were not foreseeable or were beyond the control of the licensee) or risk reduction considerations.
- I. The licensee shall maintain records of information important to safe and effective decommissioning at the Cintichem facility located on Long Meadow Road in Tuxedo. NY per the provisions of 10 CFR §70.38.

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J. McGovern

If you have any questions concerning this matter, please contact Dominick A. Orlando at (301)-415-6749.

Sincerely,

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John W. N. Hickey, Chief Low-Level Waste and Decommissioning Projects Branch Division of Waste Management Office of Nuclear Material Safety and Safeguards License No. SNM-639 Docket No. 70-687 Enclosure: As stated cc: Cintichem dist. list LLDP~7047 ICKET: NMSS r/f <u>DISTRIBUTION</u>: Central File JDavis LLDP r/f PUBLIC TCJohnson TDragoun/RI SWeiss LBe11 TMichaels JGreeves FCSS NMSS ACNW M Rodgers PMDA NMSS 5 Gragner 10PA MMORECK MFederline To receive a copy of this document in small box on "OFC:" line rattachment/enclosure; "N" ≈ No copy 'enter = Copy without attachment/enclosure; "E" = Copy with Path & File Name: s:\dwm\lldp\dao\cntiamd **OFC** LLDP LLDP LLDP LLDP NOrlando/bg JCop@] and NAME **RNelson** JHickey 2 /26 /97 DATE 2 126/97 /97 /97 /97 OFFICIAL RECORD COPY ACNW: YES Category: Proprietary ____ Х NO or CF Only IG : YES NO Delete file after distribution: Yes ____ LSS : YES NO X No-