

MAR 28 1990

Docket Nos. 50-54
70-687

License Nos. R-81
SNM-639

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

Gentlemen:

Subject: ORDER MODIFYING LICENSE (EFFECTIVE IMMEDIATELY)

We have received your letter dated March 5, 1990, in response to our letter dated February 13, 1990 and the Order enclosed therewith. In our review of your letter and the attached "Plan for Locating and Repairing Primary Coolant System Leaks," we find that they do not adequately respond to our Order. Additionally, you have informed us verbally that you intend to supplement your plan in the near future. However, in the interim, you are continuing to identify sources of leakage and engaging in repair activities. Be advised that any repair activities conducted prior to their approval by the NRC are being done at your risk since they may need to be redone to meet our approval. Such activities may result in delaying NRC's approval of the restart of your facilities.

The enclosure to this letter provides a list of the specific information required from you to respond adequately to our Order and which we need in order to consider approval of your plan. For us to continue our review of your plan without further delay, please provide this information within 14 days of your receipt of this letter. The response requested by this letter is not subject to the clearance procedures of the Office of Management and Budget, as required by the Paperwork Reduction Act of 1980, PL 96-511.

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:
Thomas T. Martin

William T. Russell
Regional Administrator

Enclosure:
As Stated

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MAR 28 1990

cc w/encl:

W. G. Ruzicka, Manager, Nuclear Operations
D. D. Grogan, Manager, Radiochemical Production
T. Vaughn, Manager, Health, Safety and Environmental Affairs
A. Dorozynski, Supervisor, Town of Tuxedo, New York
EPA Region II
Berle, Kass & Case
M. D. Johnson, Reactor Supervisor
Dr. William Vernetson, Director of Nuclear Facilities,
University of Florida
Public Document Room (PDR)
Nuclear Safety Information Center (NSIC)
State of New York

Cintichem, Inc.

MAR 28 1990

bcc w/encl:
 Region I Docket Room (with concurrences)
 Management Assistant, DRMA (w/o encl)
 L. Rossbach, SRI Indian Point 3
 J. Roth, DRSS
 G. C. Comfort, NMSS
 M. A. Austin, DRSS
 S. Weiss, NRR
 J. Partlow, NRR
 J. Lieberman, OE
 J. Goldberg, OGC
 D. Holody, RI
 R. Bores, RI
 J. Carrasco, RI
 T. Martin, RI
 J. Joyner, RI

RI:DRSS
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 Bores/slj
 3/27/90

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 Austin
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 Carrasco
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 Holody
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 Bellamy
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 Joyner
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 Knapp
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 Martin
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SPECIFIC INFORMATION REQUIRED TO COMPLETE REVIEW AND
APPROVAL OF CINTICHEM REPAIR AND RESTART PLAN

- a. An overall plan with tentative milestones for initiation and completion of each definable step is required to provide an overview of the actions to be taken and their schedule, such that ample opportunity is provided, as appropriate, for the NRC to observe pertinent activities in progress. While specific steps may not be identified in all cases and schedules may change over time, the overall plan should provide the needed perspective as to the sequence of activities such as the identification of leaks, their repair and testing, installation and testing of leak detection systems and conduct of readiness reviews prior to restart. Changes in steps and in schedules should be provided to the Region I Office in a timely manner as they occur.
- b. The repair work of the concrete structures has not been described. Information and details relative to the type of anticipated repairs (preparation activities, concrete placement, grouting, etc.), procedures and materials to be used are required. Any tests of these activities should be described as well as those tests designed to determine the effectiveness of those repairs.
- c. If a liner is to be used in any of the pool structures, details as to the design, installation, and testing (including procedures) are required.
- d. Details of the leak monitoring system and program to be installed and/or implemented are required. Design and installation information is required for any planned systems; procedures are required for program implementation.
- e. Information and procedures are required relative to inspection and testing activities of the reactor pool and stall components. Justification should be provided if these components are not subjected to your inspection.
- f. Details of your planned surveillance program are required for those components subject to this Order. The surveillance program should include frequencies and surveillance descriptions. Frequencies of radiological sampling of monitoring wells and release paths should be included.

Enclosure