

CINTICHEM, INC.

P.O. BOX 816

TUXEDO, NEW YORK 10987 (214) 351-2131

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January 21, 1991

Mr. Theodore S. Michaels
U. S. Nuclear Regulatory Commission
PDNP
Mail Stop 11-B-20
Washington, DC 20555

Dear Mr. Michaels:

Please find attached, two proposed task lists we would like to discuss with you on February 11, 1991 at NRC headquarters. One list outlines pre-approval tasks which we feel could be done under our existing license. The second sheet defines post approval tasks that we feel could be performed with spent fuel on site without compromising either safety or security.

As you know, it is possible that spent fuel will be on our site through June 1991 due to the ongoing moratorium on fuel shipments. In the Decommissioning Plan we have submitted, we estimated that the decommissioning project will take 27 months to complete. Only if we begin the listed tasks in the first quarter of 1991 will we have a good chance of completing the project before the end of December 1992.

Please contact me if you have any questions about the agenda.

Very truly yours,

J. McGovern
J. J. McGovern
President/Plant Manager

JJMcG/bjc

Attachments

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CINTICHEM DECOMMISSIONING PROJECT
Pre-D&D Work List (Pre-Plan Approval)

1. Remove lead shield blocks and graphite blocks from thermal column.
2. Remove equipment from hot cells #1-5; wipe down surfaces and hydrolase hot cells and conveyor station. Construct containments for scabbling.
3. Remove walls between operating area and radiochem lab, radiochem lab and charging area, and enlarge door between radiochem lab and radwaste shipping area.
4. Dismantle uranium labs (hot lab building), uranium welding lab, QC lab and radiochem lab (reactor building) (originally part of Phase I) and decontaminate surfaces.
5. Remove everything in reactor pool except reactor core and spent fuel (originally part of Phase I).
6. Saw cut floor above underground exhaust ducts and above reactor coolant piping (to facilitate Phase II removal of buried pipes).
7. Remove South and West wall storage tubes (vaults).
8. Remove asbestos from buildings.
9. Dismantle not needed equipment in T1/evaporator room.

CINTICHEM DECOMMISSIONING PROJECT

Work That Can Be Performed With Spent Fuel On-Site

(Post-Plan Approval)

1. Remove reactor core structure:
 - move core/bridge to pool position
 - move spent fuel to reactor position
 - install gate
 - proceed with normal plan for reactor structure removal
2. Remove 5K tanks and associated piping.
3. Scabble and remove embedded fixtures and ducting in hot cells. Remove underground duct system from hot lab building.
4. Scabble T1/evaporator rooms (interior).
5. Isolate reactor pool from pump room, perform D&D work on pump room, and storage tank. Install separate means of maintaining or draining water in reactor pool.
6. Decontaminate storage wells and plugs (must maintain cask movement path).
7. Remove HUT and soil overburden.