

RTI Inc.

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March 20, 1989

License No. 29-13613-02
Docket No. 030-07022
Control No. 109587

U.S. Nuclear Regulatory Commission, Region I
Chief, Nuclear Materials Safety Branch
475 Allendale Road
King of Prussia, Pennsylvania 19406

Gentlemen:

To comply with conditions 24.D. and 25.A. of license No. 29-13613-02 we are submitting the following:

Condition 24.D.

RTI Inc. will dispose of all radioactive materials authorized by items 7E., 7.F., 7.G., and 7.H., at the Barnwell, S.C. waste facility (NRC Special Nuclear Materials License No. 12-13536-01). This will include removing the 3 "hot" spots located north of the fence as characterized in our December 14, 1988 submission to the commission. RTI Inc. has a disposal contract with Chem-Nuclear Systems, Inc. and has submitted an application for a radioactive waste transport permit to the state of South Carolina.

All of the above material will be packaged by RTI personnel in approved containers and shipped to Barnwell, S.C. for disposal. Scheduled completion date is December 23, 1989.

Condition 25.A.

RTI Inc. is presently attempting to free several sources which are wedged in the R&D pool source rack. All free sources (238 sources total) were shipped to our North Carolina PTI facility on May 9, 12, and 16, 1988. There are approximately 65 sources and 50,000 curies remaining in the R&D pool.

The company intends to continue work to free the wedged sources. Once the tubes containing the sources are freed, and the total volume to be disposed of is determined, a suitable container will be designed and manufactured to be used for disposal of the sources. Several transport casks are presently under consideration to transport the container to Barnwell, S.C.

Both Beatty, NV and Hanford, Wa have activity limits well below what is needed to dispose of this material. Only the disposal facility in Barnwell, S.C. could possibly handle this material.

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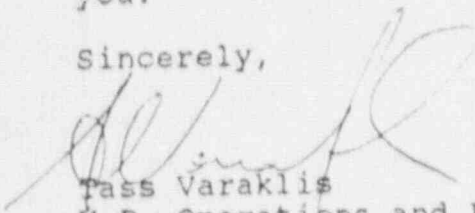
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Page 2
March 20, 1989
U. S. Nuclear Regulatory Commission

Attached please find a schedule for the disposal. We are available to meet with representatives of the commission to discuss this matter in greater detail if necessary.

If you have any questions or concerns, please contact me. Thank you.

Sincerely,



Pass Varaklis
V.P. Operations and Engineering

TV:jk

cc: John Scandalios
RSO File

3/10/89

AC

RADIOLOGICAL DECONTAMINATION - N. JERSEY

DISPOSAL SCHEDULE

1989 MONTH

A M J I A S O N D

ACTIVITY

REMOVE LOW LEVEL CONTAMINATION

DISCHARGE TUBES FROM S. RACK

DISMANTLE SOURCE RACK

DESIGN CONTAINER

MANUFACTURE CONTAINER

REMOVE & DISPOSE OF ALL SOURCES

