



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

~~SECRET~~
710

Docket No. 70-820

United Nuclear Corporation
ATTN: Mr. G. O. Amy
General Manager
UNC Recovery Systems
Wood River Junction, Rhode Island 02894

16 JAN 1981



Gentlemen:

Subject: Shipment of Process Residues, Shop Decontamination Waste, Contaminated Glass Raschig Rings and Filters from the UNC Recovery Facility in January 1981.

- References:
- 1) Letter, IAL 80-35, Boyce H. Grier to C. E. Bowers, dated October 1, 1980.
 - 2) Letter, Shipment of Process Residues, and Dry Equipment from Inside the UNC Recovery Facility, Boyce H. Grier to G. O. Amy dated December 11, 1980.
 - 3) Letter, Shipment of Process Residues, and Dry Equipment from Inside the UNC Recovery Facility, Boyce H. Grier to G. O. Amy, dated December 16, 1980.
 - 4) Letter, same subject, R. J. Gregg to Boyce H. Grier, dated January 8, 1981.
 - 5) Telecopy, list of 90 drums to be shipped in January, R. J. Gregg to H. W. Crocker, dated January 13, 1981.

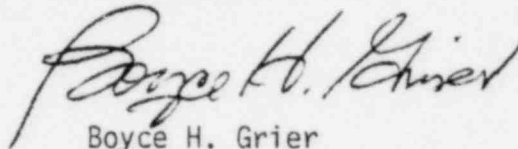
In Immediate Action Letter 80-35 (reference 1) the NRC confirmed its understanding of your commitment not to ship radioactive waste for burial, especially lagoon waste, until specific actions were taken. In a letter dated December 11, 1980 (reference 2) the NRC gave the basis on which the shipment of non-lagoon waste for burial at the Barnwell, South Carolina, burial site in December, 1980 would be acceptable. In the December 16, 1980, letter (reference 3) the NRC stated that 61 specific drums and 16 specific boxes contained no liquid waste and the packages were suitable for shipment and burial as verified by the Region I inspector on December 10, 11, 12 and 15, 1980. In your letter of January 8, 1981 (reference 4) you requested that packages containing non-lagoon waste such as process residues, shop decontamination waste, and contaminated glass raschig rings be released for shipment to Barnwell for burial on or about January 20.

You indicated that you were reopening and reinspecting all containers you wish to ship in January even though some of the containers were prepared under your Quality Assurance Program for preparation of shipping containers and the implementing procedures.

16 JAN 1981

On January 15 and 16, Region I inspectors examined your activities concerning the packaging of the 88 drums of non-lagoon waste listed in your telecopy of January 13, 1981 (reference 5) for shipment and burial at the Barnwell, South Carolina, burial site during January 1981. The inspectors verified by inspecting the contents of selected packages, observing the reclosure of the packages, and examining your quality assurance records for the initial packaging and reinspection of the packages that the packages contained no liquid waste and the packages were suitable for shipment and burial. On the basis of this inspection, we consider these 88 drums only to be acceptable for shipment and burial at the Barnwell, South Carolina burial site. The identification numbers of the drums considered to be acceptable are listed in the attachment to this letter.

Sincerely,

Boyce H. Grier
Director

Enclosure: As Stated

cc (w/encl):

State of Rhode Island

R. J. Gregg, Plant Manager of UNC Recovery Systems

IDENTIFICATION NUMBERS OF DRUMS FROM
UNC RECOVERY SYSTEMS ACCEPTABLE FOR JANUARY 1981
SHIPMENT AND BURIAL

<u>Drum No.</u>	<u>Drum No.</u>	<u>Drum No.</u>
27322	27300-1	27358-7
27314-1	27300-2	27358-8
27314-2	27303	27358-9
27314-3	27304-1	27358-10
27308-1	27304-2	27358-11
27308-2	27174-1	27358-12
27308-3	27277-2	27358-13
27308-4	27277-1	27358-14
27310-1	27277-3	27358-15
27315-2	27326	27358-16
27315-1	27327	27358-17
27320-2	27000	27358-18
27320-1	27278-1	27358-19
27323-1	27278-2	27359-1
27288-1	26796	27359-2
27287-2	26533	27359-3
27287-1	26436	27359-4
27259	26603	27359-5
27258	26602	27359-6
27256	26441	27359-7
27255	26435	27359-8
27257	26437	27359-9
27288-2	26434	27359-10
27307	26442	27359-11
27323-2	27358-1	27359-12
27289-3	27358-2	27359-13
27289-2	27358-3	27359-14
27289-1	27358-4	27359-15
27290-2	27358-5	
27290-1	27358-6	