

PDR

70-820

UNC RECOVERY SYSTEMS

Division of United Nuclear Corporation
A UNC RESOURCES Company

One Narragansett Trail
Wood River Junction, Rhode Island 02894

Telephone 401-364-7701

CEB: 79-177
September 28, 1979

U. S. Nuclear Regulatory Commission
James G. Partlow, Chief
Material Control and Accountability
Licensing Branch
Division of Safeguards
Washington, D.C. 20555



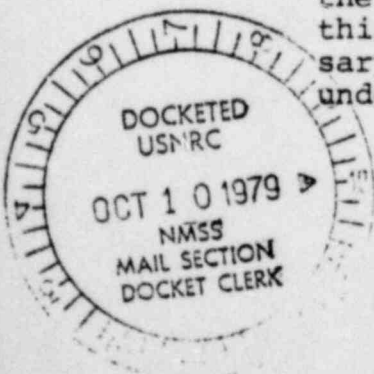
Reference: Letter, James G. Partlow to C. E. Bowers
dated September 17, 1979

Gentlemen:

The purpose of this letter is to document UNC Recovery Systems' plans for disposition of our waste water lagoons, as discussed in the referenced letter. Our current plans and actions are directed at disposal of the material in these lagoons by burial at a licensed burial facility. Our objective is to utilize a process which dries the material to a state where it is acceptable for direct burial in acceptable containers, or to a level where the addition of small amounts of solidifying material (e.g. portland cement) will make it acceptable for burial in suitable containers. When this process is ready for implementation, UNC-RS will perform some one-time sampling studies as requested in your letter.

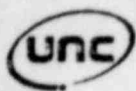
As the procurement of equipment and licensing of this process cannot be accomplished immediately, we expect to utilize an interim process wherein solidifying material is added to lagoon material without benefit of prior drying. This process will utilize the same system for assignment of U and U-235 values as is planned for use with the drying process (i.e. establishment of values per unit volume or unit weight, based on accountability measurements made over the time period the material was placed in the lagoons and our estimates of the total volume or weight of the material in the lagoons). As we do not expect to use this direct solidification process any longer than is necessary, no sampling program will be conducted. It is our understanding that you are in agreement with this approach.

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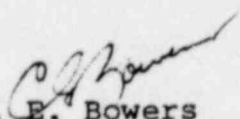


James G. Partlow

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If you desire any additional information, please contact
D. Daigler or J. L'Heureux.

Very truly yours,


C. E. Bowers
General Manager

CEB:RJG:cag

cc D. Daigler
J. L'Heureux
R. Gregg
J. Dunning