

MAR 11 1975

J. T. Carroll, Station Superintendent  
Jersey Central Power & Light Company  
Oyster Creek Nuclear Generating Station  
Forked River, New Jersey 08731

Dear Mr. Carroll:

The Nuclear Regulatory Commission has published a proposed rule (39FR32921) which would prohibit disposal by burial in soil of all radioactive wastes containing more than 10 nanocuries of transuranium elements per gram. A copy of this proposed rule is enclosed. Waste containing transuranium concentrations greater than this will be required to be transferred to the Federal Government for storage. Although the Statement of Consideration for this proposal indicates that radwaste from nuclear reactors would not generally be considered transuranic waste, some concern has been expressed regarding the need for licensees to measure these concentrations routinely. Since data regarding quantities of transuranium elements in all types of solid wastes from reactors is very limited, we feel that a set of actual measurements of several nuclear power plants would allow us to provide more definitive guidance in the final Statement of Consideration.

Mr. Bernard Weiss of this office has been in contact with Mr. J. R. Pelrine regarding the possibility of obtaining representative samples of Oyster Creek solid waste. It is our understanding that such samples can be readily obtained. We would like Oyster Creek to be one of the plants participating with us in this study by providing a small number of solid waste samples. Our contractor for this project, Allied Chemical Corp., Idaho Falls, Idaho, will provide adequate shipping containers and instructions.

The results of the analyses of Oyster Creek waste will, of course, be made available to you. In addition, if these data are to be made public, in any written form, you will have the opportunity to review such document prior to publication.

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J. T. Carroll

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We would appreciate your reply regarding the feasibility of Oyster Creek providing us with these samples.

Leo B. Higginbotham, Acting Chief  
Radiological & Environmental Protection  
Office of Inspection & Enforcement

Enclosure:  
As Stated

bcc: J. O'Reilly, IE:I  
✓ J. P. Stohr, IE:I  
J. Keller, ACC

OFFICE ▶	OIE:REP <i>[Signature]</i>	OIE:REP <i>[Signature]</i>				
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