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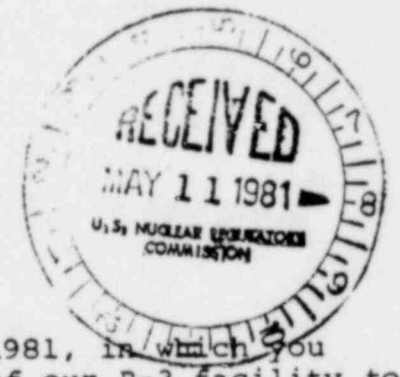
North Carolina State University

Box 5067, Raleigh 27650

Office of the Chancellor

April 30, 1981



Mr. Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Reid:

In response to your letter of 6 March 1981, in which you provided guidance criteria for the release of our R-3 facility to unrestricted use, the attached addendum to our Dismantling Plan is submitted for your consideration.

A telephone conversation with your staff indicated that details of the procedure for the general survey of our facility needed to be arranged with the Inspection and Enforcement Section, Reg. II. We are pursuing this suggestion.

Our interest in pursuing the dismantling of the R-3 reactor is the pressing need for full utilization of the area represented by the Burlington Nuclear Laboratory. Our study of the future utilization of this site varies from complete demolition of the reactor and the building, thru the demolition of the reactor only with building renovation, to partial reactor demolition and subsequent renovation. The first priority on this site is the pending Microelectronics Center which has been submitted to our Legislature for their consideration.

Sincerely,

Joab L. Thomas
Chancellor

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Enclosure:
Addendum to Dismantling Plan

cc: Dr. P. J. Turinsky, w/attach.
Dr. R. G. Cochell, w/attach.
Mr. R. D. Cross, w/attach.

Subscribed and sworn to before me
this 30th day of April 1981.

Margaret D Black
Notary Public
My commission expires 5/5/85

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ADDENDUM TO DISMANTLING PLAN FOR THE
R-3, 10 KW REACTOR DATED 15 MARCH 1980

The Dismantli : Plan tor the R-3, 10 KW reactor dated 15 March 1980 appli:cable criteria is amended as follows:

a. Surface contamination. Table 1 of Reg. Guide 1.86 shall be used to determine whether or not surfaces within this facility are acceptable for release to unrestricted use.

b. Radioactive Material other than surface contamination (Co-60, Eu-152, Cs-137).

The radiation level from concrete biological shield, components, structures, etc. shall be less than 5E - 6 R/hr above natural background measured at 1 meter from the surface. If the distance attainable from the surface is less than 1 meter, the dose rate shall be adjusted appropriately.

c. General.

The Nuclear Engineering Department is in contact with Dr. C. Julian, Region II, Atlanta, Ga., to agree on procedures that will be mutually acceptable.