

RETURN TO 396-SS PDR

71-9134

THE PENNSYLVANIA STATE UNIVERSITY

VICE PRESIDENT FOR RESEARCH AND DEAN OF THE GRADUATE SCHOOL

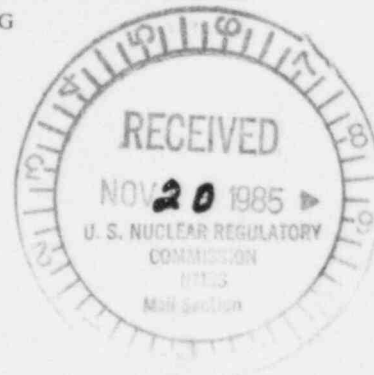
114 KERN GRADUATE BUILDING

UNIVERSITY PARK, PA 16802

C. L. Hosler

Vice President and Dean

November 8, 1985



Telephone:
814-865-2516
814-865-6331

Mr. Charles E. McDonald
Chief, Transportation Certification Branch
Division of Fuel Cycle and Material Safety
Washington, D.C. 20555

Dear Mr. McDonald:

The Pennsylvania State University Breazeale Reactor (PSBR) is committed by our response to the NRC, "Show Cause Letter," to ship off-site, 5 partial and 2 control fuel elements possessed under NRC license No. R-2. These elements are of the 10 plate design with the uranium enriched to 93% in U-235. The 5 partial elements have unfueled aluminum plates in some of the positions which would hold fueled plates in a full element. The 2 control elements have only 7 plates, thus providing space in the center of the element for insertion of a control rod. These two control elements are also fitted with a boss on the top end to facilitate attaching a control rod guide tube. The maximum U-235 contained in any one of the 7 elements is 133.47 grams. The seven elements contain a total of less than 700 grams of U-235.

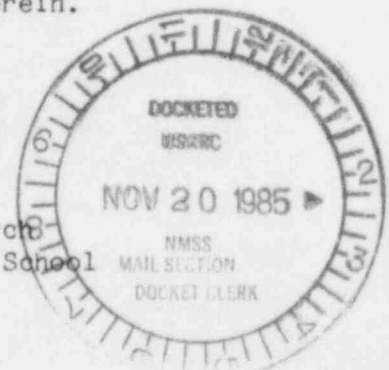
A quality assurance program has been prepared by the PSBR staff to ensure compliance with 10CFR71, paragraph 71.12. A copy of that quality assurance program is contained herewith.

The PSBR proposes to use 2 Model ETR, Identification number USA/9134/B()F packages to ship the referenced fuel. These packages are certified by NRC Certificate of Compliance number 9134. The fuel will be shipped to a DOE secure facility.

By this letter, supported by the enclosed material, The Pennsylvania State University hereby requests to be named a registered user of the above described shipping containers for the purpose outlined herein.

Respectfully,

Charles L. Hosler
Vice President for Research
and Dean of the Graduate School



CLH/IBM/pka
enclosures

cc: S.H. Levine
I.B. McMaster
R.W. Granlund

W.F. Witzig
G.J. McMurtry
E.C. Augustine

8512090536 851108
PDR ADOCK 07109134
C PDR

EXEMPT

26065