

THE PENNSYLVANIA STATE UNIVERSITY

207 OLD MAIN BUILDING
UNIVERSITY PARK, PENNSYLVANIA 16802

Vice President for
Research and Graduate Studies

Area Code 814
865-6332

22 February 1983

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Facility License CDW (R-2)
Docket No. 50-5

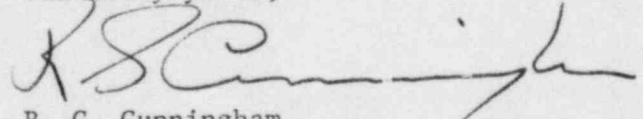
Gentlemen:

In accordance with section 59(b) of 10 CFR 50, The Pennsylvania State University Breazeale Nuclear Reactor reports certain minor changes made to its facility during the calendar year 1982. These changes are as follows:

1. On November 17, 1982 a new submersible water pump was installed for the purpose of diffusing nitrogen-16 from the reactor core. This pump has pumping characteristics similar to those of the pump it replaced. The new pump is of submersible design, thereby eliminating the objectionable noise level generated by its predecessor. The old pump was in operation for over 15 years and replacement parts for it are no longer available.
2. Throughout the year, minor changes were made to the facility procedures. These changes were made to update procedures to correct for equipment changes, and to clarify references among procedures.

Also, please find enclosed a copy of the Twenty-seventh Annual Progress Report of The Pennsylvania State University Breazeale Nuclear Reactor. This report covers the period from July 1, 1981 to June 30, 1982.

Sincerely yours,



R. G. Cunningham
Vice President for Research
and Graduate Studies

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Enclosure

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