

THE PENNSYLVANIA STATE UNIVERSITY

VICE PRESIDENT FOR RESEARCH AND DEAN OF THE GRADUATE SCHOOL

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C. L. Hosler

Vice President and Dean

20 January 1986

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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 Penn State Breazeale Reactor reports certain minor changes made to its facility during the calendar year 1985. These changes are as follows:

1. In April, a power on light was installed on the motor control box for the Emergency Exhaust System blower. This light on the motor side of the breaker, which is visible from the reactor control console, indicates, when lit, that power is available to the motor.

During a previous power failure, a circuit breaker controlling power to this blower motor had tripped and was not detected until the next weekly check. With the power on indicating light, a tripped breaker would be detected more readily.

2. On May 6, 1985, a new fuel temperature meter with scram capability was installed on the console. Its range is 0-700° C and presently has a scram setting of 590-600° C. The range of the recorder temperature readout during pulsing was adjusted from 0-600° C to 0-700° C to cover the same range as the new meter.

This change is mandated by revised Technical Specifications submitted, but not yet approved, in conjunction with an application for a renewal of facility license CDW (R-2).

3. Throughout the year, minor changes were made to facility procedures. These changes were made to update procedures to account for equipment changes, i.e., operation, calibration and testing of the new fuel temperature meter, and to clarify references among procedures.

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ADD: I&E Files 0816:

Also, please find enclosed a copy of the Thirtieth Annual Progress Report of the Penn State Breazeale Reactor. This report covers the period from July 1, 1984 to June 30, 1985.

Sincerely yours,



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

/skr
Enclosure