



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

February 14, 1990

Docket No. 50-277

Mr. George A. Hunger, Jr.
Director-Licensing, MC 5-2A-5
Philadelphia Electric Company
Nuclear Group Headquarters
Correspondence Control Desk
P.O. Box No. 195
Wayne, Pennsylvania 19087-0195

Dear Mr. Hunger:

SUBJECT: TEMPORARY WAIVER OF COMPLIANCE (TAC NO. 75967)

RE: PEACH BOTTOM ATOMIC POWER STATION, UNIT NO. 2

During surveillance testing performed on February 12, 1990, the licensee identified a failed electrical circuit for the solenoid valve associated with one of the five Automatic Depressurization System (ADS) valves. The licensee believes there may be a failed winding in the solenoid valve which is located inside the drywell. Plant shutdown is necessary to fix the valve. The licensee has determined that this condition existed during surveillance testing conducted on February 7, 1990, and that the ADS valve was inoperable at that time. Facility Technical Specifications (TS) allow seven days of operation with one valve inoperable, after which the unit is required to be shutdown and to be at a reactor system pressure at or below 105 psig within the next 24 hours. The seven day allowed outage time will expire at about 2:00 p.m. on February 14, 1990.

By letter dated February 14, 1990, the licensee requested relief from TS 3.5.E.2 to allow continued operation with one inoperable ADS valve. The proposed license amendment involving an interim TS change would allow a one time extension of the seven day allowed outage time to 11:59 pm on March 3, 1990, provided the reactor core isolation cooling (RCIC) system remains operable.

The NRC staff has concluded a preliminary review of the licensee's request and agrees that a plant shutdown to fix the inoperable ADS valve is unnecessary prior to the mid-cycle outage which is scheduled to begin on March 3, 1990. The licensee discussed the availability of the high pressure coolant injection system to respond to a small break loss-of-coolant-accident (SBLOCA), and results of realistic, best estimate calculations which indicate that three ADS valves (which assumes an additional ADS valve failure) would be sufficient to fulfill the ADS safety function. In addition, the condition requiring continued operability of the RCIC system provides some reasonable assurance that applicable design basis criteria will continue to be met in the event of a SBLOCA. The associated change to the Peach Bottom, Unit 2 Technical Specifications is being processed.

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Mr. George A. Hunger, Jr.

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This Temporary Waiver of Compliance shall be effective immediately and shall remain in effect until the proposed license amendment is issued.

Sincerely,

/s/

Bruce A. Boger, Assistant Director
for Region I Reactors
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

cc:
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[HUNGER LETTER]

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Sincerely,



Bruce A. Boger, Assistant Director
for Region I Reactors
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

cc:
See next page

Mr. George A. Hunger, Jr.
Philadelphia Electric Company

Peach Bottom Atomic Power Station,
Units 2 and 3

cc:

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