

February 25, 1985

DMB 014

Docket No. 50-277

Mr. E. G. Bauer, Jr.
Vice President and General Counsel
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

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Dear Mr. Bauer:

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNIT 2, ALARA PROGRAM DURING
PIPE REPLACEMENT

By letter dated December 10, 1984, the Philadelphia Electric Company provided the NRC with updated information describing the ALARA program during the pipe replacement outage at Peach Bottom, Unit 2. This information also included the steps being taken to reduce the unexpectedly high radiation levels in the reactor recirculation pumps resulting from the pipe decontamination program.

The Peach Bottom ALARA Program, as described, incorporates the basic recommendations of Regulatory Guide 8.8 ("Information Relevant To Ensuring That Occupational Radiation Exposure At Nuclear Power Stations Will Be As Low As Reasonably Achievable"). In addition, the Peach Bottom approach concerning the removal and decontamination of the recirculation pump intervals appears to be a reasonable solution for the reduction of the excessively high area dose rates.

Finally, although the current dose projections (2039 man-rem for the entire pipe replacement project) are slightly higher than the original projections (1945 man-rem), the additional dosage is minor, is expected to be conservative, and will require no additional Nuclear Reactor Regulator review at this time.

Sincerely,

*ORIGINAL SIGNED BY
JOHN F. STOLZ*

John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

cc: See next page

*See previous white for concurrences.

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 Operating Reactors Branch #4
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Philadelphia Electric Company

cc w/enclosure(s):

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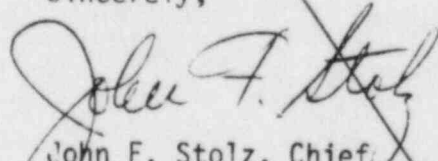
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