

October 22, 1980

Docket No. 50-281

Mr. John R. Pomponio
Chief, EIS & Wetlands Review Section
United States Environmental Protection Agency
Region III
6th and Walnut Streets
Philadelphia, Pennsylvania 19106

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Dear Mr. Pomponio:

Your letter dated July 31, 1980, provided comments on the Draft Environmental Impact Statement for the Surry Power Station Unit No. 1 Steam Generator Repair Program.

You had two comments which you stated should be addressed in the Final Environmental Statement related to Steam Generator Repair (FES-SG). Your letter, however, was received after the FES was issued on July 31, 1980. Therefore, responses to your comments are contained herein.

EPA Comment

While "The doses to the population within 50 miles will be less than 5 man-rem to the thyroid or total body from liquid effluents and less than 2 man-rem to the thyroid or total body from airborne effluents," it would seem that these doses would be distributed over sharply declining gradient as the distance from the plant increases out to 50 miles. The dosage to residents near the plant should be addressed.

NRC Response

On page 4-4 of the FES-SG, it was stated that "offsite individuals will receive doses from the repair effort of the same order or less than the annual dose consequences presented in the FES." The "FES" was the May 1972 FES for Surry Unit 1 operating licensee.

EPA Comment

The proposed method for disposal of liquid effluents not stored for re-use and its impacts should be addressed.

NRC Response

The possible sources of liquid effluents at Surry for the repair program are: (1) reactor coolant which Surry plans to store for reuse; (2) secondary

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OFFICE					
SURNAME					
DATE					

coolant which Surry will release; (3) laundry waste water which will be treated and then released; and (4) local decontamination solutions which will be treated and released. The release estimates in Table 4.3 of the FES-SG include these sources.

We hope that these responses satisfactorily address your comments.

Sincerely,

Original signed by:

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

cc: See next page

DISTRIBUTION

Docket File 50-281
NRC PDR
Local PDR
TERA
NSIC
NRR Reading
ORBI Reading
T. Novak
S. Varga
D. Neighbors
C. Parrish
I&E (3)

Attorney, OELD
J. Roe
J. Heltemes

No legal objections

OFFICE	DI: ORBI	DI: ORBI	EEB/DOB	OELD
SURNAME	DNeighbors;cf	SAVarga	Barrett	CUTCHIN
DATE	10/2/80	10/3/80	10/4/80	10/14/80



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

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Mr. John R. Pomponio
Chief, EIS & Wetlands Review Section
United States Environmental Protection Agency
Region III
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Mr. John R. Pomponio

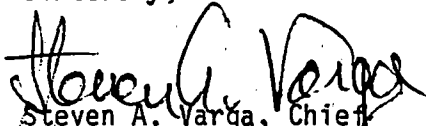
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We hope that these responses satisfactorily address your comments.

Sincerely,

A handwritten signature in dark ink, appearing to read "Steven A. Varga". The signature is fluid and cursive, with the first name "Steven" and last name "Varga" clearly distinguishable.

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

cc: See next page

Mr. John R. Pomponio

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cc: Mr. Robert Garvey, Executive Director
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Mr. John R. Pomponio

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Mr. John R. Pomponio

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October 22, 1980

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