



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

11 FEB 1985

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Schwencer:

We have reviewed the final environmental impact statement (EIS) for the Hope Creek Generating Station, located in Salem County, New Jersey. This review was conducted in accordance with section 309 of the Clean Air Act, as amended (42 U.S.C. 7609, P.L. 91-604 12(a), 84 Stat. 1709). Based upon our review of the final EIS, we offer the following comments for your consideration.

Radiology

The final EIS has satisfactorily addressed the radiological issues that were raised in our September 14, 1984, comment letter on the draft EIS.

Water Quality

In response to the concerns raised on the draft EIS involving the prevention of fish reimpingement, the final EIS states that the location of the discharge point for impinged fish will be at a point downstream of the cooling water intake. However, it does not provide a detailed map showing the intake and discharge points relative to the plant location and prevailing water currents in the channel. This information was requested in our draft EIS comments so that an assessment could be made of the potential for impinged fish to be drawn back into the intake canal during ebb tide. In addition, the final EIS does not provide a figure showing the location of the thermal discharge point relative to the intake structures; this was requested to help evaluate the potential impacts of the thermal plume on fish impingement and water quality.

In order to maintain our lack of objections rating for this project, we request that the additional information noted above be provided to the Environmental Protection Agency prior to issuance of the record of decision. If you have any questions, please call Mr. Christopher Militscher of my staff at (212) 264-0522.

Sincerely yours,

Barbara Pastalove

Barbara Pastalove, Acting Chief
Environmental Impacts Branch

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