

October 17, 1988

Docket No. 50-354

Mr. Steven E. Miltenberger
Vice President and Chief Nuclear
Officer
Public Service Electric & Gas Company
Post Office Box 236
Hancocks Bridge, New Jersey 08038

Dear Mr. Miltenberger:

SUBJECT: USE OF WASTE CHEM SYSTEM (TAC NO. 2994)

Re: HOPE CREEK GENERATING STATION

By letter dated August 3, 1988, Public Service Electric and Gas Company (PSE&G) requested NRC approval of the use of the Waste Chem Corporation Volume Reduction and Solidification (VRS) System (Waste Chem System) installed at Hope Creek Generating Station for processing Class B and C radioactive waste.

By letter to PSE&G dated April 9, 1987, regarding the Hope Creek Process Control Program (PCP), the staff found the Hope Creek PCP, Revision 1, to be acceptable on an interim basis. The PCP describes, among other things, the use of the Waste Chem System referencing the Waste Chem Topical Report, VRS-002, "10 CFR 61 Waste Form Conformance Program for Solidified Process Waste Produced by a Waste Chem Corporation Volume Reduction and Solidification System" (Waste Chem Topical Report) dated May 1986. At that time the staff's review of the Waste Chem Topical Report was underway and the staff stated that its interim acceptance would be in effect until the staff completed its review of this Topical report. The staff completed its review early this year and concluded that the Topical Report is an acceptable reference document for licensing asphalt-encapsulated waste forms produced by the Waste Chem VRS System, subject to (identified) conditions. A copy of the Technical Evaluation Report (TER) is enclosed.

On the basis of our review of your request and the staff's earlier review and acceptance of the subject Topical Report, we find the use of the Waste Chem System at Hope Creek to be acceptable to the extent specified and under the limitations delineated in the enclosed TER.

Sincerely,

/s/

George Rivenbark, Project Manager
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20545

October 17, 1988

Duck
Mr. Steven
Vice President
Office
Public
Post Office
Hancocks Bridge, New Jersey

Dear Mr. Miller:

SUBJECT: USE OF WASTE CHEM SYSTEM (NO. 63994)

Re: HOPE CREEK GENERATING STATION

By letter dated August 3, 1988, Public Service Electric and Gas Company (PSE&G) requested NRC approval of the use of the Waste Chem Corporation Volume Reduction and Solidification (VRS) System (Waste Chem System) installed at Hope Creek Generating Station for processing Class B and C radioactive waste.

By letter to PSE&G dated April 9, 1987, regarding the Hope Creek Process Control Program (PCP), the staff found the Hope Creek PCP, Revision 1, to be acceptable on an interim basis. The PCP describes, among other things, the use of the Waste Chem System referencing the Waste Chem Topical Report, VRS-002, "10 CFR 61 Waste Form Conformance Program for Solidified Process Waste Produced by a Waste Chem Corporation Volume Reduction and Solidification System" (Waste Chem Topical Report) dated May 1986. At that time the staff's review of the Waste Chem Topical Report was underway and the staff stated that its interim acceptance would be in effect until the staff completed its review of this Topical report. The staff completed its review early this year and concluded that the Topical Report is an acceptable reference document for licensing asphalt-encapsulated waste forms produced by the Waste Chem VRS System, subject to (identified) conditions. A copy of the Technical Evaluation Report (TER) is enclosed.

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Sincerely,

George Rivenbark, Project Manager
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

Mr. Steven E. Miltenberger
Public Service Electric & Gas Co.

Hope Creek Generating Station

cc:

M. J. Wetterhahn, Esquire
Conner & Wetterhahn
Suite 1050
1747 Pennsylvania Avenue
Washington, D.C. 20006

R. Fryling, Jr., Esquire
Law Department - Tower 5E
80 Park Place
Newark, New Jersey 07101

Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 241
Hancocks Bridge, New Jersey 08038

Mr. S. LaBruna
Vice President - Nuclear Operations
Nuclear Department
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Mr. J. J. Hagan
General Manager - Hope Creek Operations
Hope Creek Generating Station
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Mr. B. A. Preston, Manager
Licensing and Regulation
Nuclear Department
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

Mr. David M. Scott, Chief
Bureau of Nuclear Engineering
Division of Environmental Quality
Department of Environmental Protection
State of New Jersey
CN 411
Trenton, New Jersey 08625