

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

August 7, 1989

Mr. Edward Corriveau
Chief, Permits and Grants Section
Bureau of Water Quality Management
Department of Environmental Resources
One Ararte Blvd.
Harrisburgh, PA 17110

Re: Peach Bottom Generating Station
NPDES Permit PA 0009733

Dear Mr. Corriveau:

Pursuant to your discussion with David Mobraaten concerning a contained eleven gallon spill of Houghto-Safe 620 hydraulic fluid (primarily ethylene glycol), we are requesting permission to discharge the spilled material through our on-site treatment systems.

On June 26, 1989, there was a spill of 11 gallons of Houghto-Safe 620 hydraulic fluid to the floor of the unit three sub pile room during preparation for control rod drive removal work. An unknown quantity of this product was initially released to the dry well sump which was in automatic pumping mode at the time of the release. Based on TOC analyses, it is suspected that very little of the product was released to the dry well sump which was pumped to the floor drain collector tank. The volume of the collector tank was pumped to the floor drain surge tank as a precautionary measure in isolating that portion of the spill. The drywell sumsps were subsequently isolated and put into manual operation so that the remaining major portion of the spill was collected in the dry well sumsps.

To clean up the spill, the sub pile room floor was flushed to the dry well sumsps. These sumsps were pumped out to 47 drums which contain varying concentrations of Haughto-Safe 620 and radioactivity.

We propose to batch process the 47 drums (2585 gallons) of water through our Epicore system which

IE23

8908170122 890807
PDR ADDCK 05000278
S PNU

consists of a series of filters and charcoal beds. The effluent from this treatment system would then be discharged to the "B" laundry drain tank which is part of the normal rad waste treatment system and checked against pertinent NRC requirements prior to discharge.

The NPDES discharge point from radwaste treatment is designated as 701 which is located in the discharge canal. The release from the laundry drain tank is a batch process of 1000 gallons at a time at a rate of 100 gpm which is mixed in the discharge canal, with a minimum dilution flow from the circulating water system of 200,000 gpm, (one circulating water pump), and discharged to the river via NPDES discharge point 001.

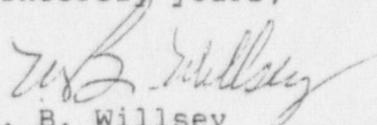
The contents of the floor drain surge tank (30,000 gallons) will be processed through our normal radwaste treatment system (pre coat filter and demineralizer) using present methods and procedures.

There should be no impact on the river from the discharge of this material using the methods described above. We wish to have a two week approval period in which to discharge the aforementioned waste water. Your prompt review and favorable response to this matter would be greatly appreciated.

A material safety data sheet is attached for your information which provided a list of chemicals in Houghto-Safe 620.

If there are any questions, please call David Mobraaten at (215) 841-5679.

Sincerely yours,



W. B. Willsey
Director
Environmental Affairs

Attachment
DWM:ttj

cc: NRC Director, ONRR
Washington, DC w/ attachments

NRC Administrator, OIE
King of Prussia, PA w/ attachments