

2850615290

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

May 29, 1985

Department of Environmental Resources
Bureau of Water Quality Management
1875 New Hope Street
Norristown, PA 19401

SUBJECT: Limerick Generating Station
Chemical Spill on May 22, 1985

Gentlemen:

In accordance with the Department's Rules and Regulations, Chapter 101.2 "Incidents Causing or Threateing Pollution", telephone notification of the subject incident was given to Mr. Walter Stanley of the Department by John Franz, Superintendent-Operations, Limerick Generating Station, on May 23, 1985.

On May 22, 1985 approximately 300 gallons of water with a pH greater than 9.0 but less than 9.5 was discharged from NPDES discharge point 004. This discharge point receives water from roof and yard drain systems only. It has no specific effluent limitations or monitoring requirements.

This event occurred while cleaning up approximately five gallons of concentrated sulfuric acid that was spilled in the yard area. The acid came from a delivery truck which was maneuvering while its tank top lid was open. The Plant personnel immediately sprayed water and spread soda ash on the spilled acid, and subsequently washed the mixture from the pavement with water using a hose. This mixture unintentionally flowed to an open yard drain and was subsequently sampled by Chemistry technicians at the discharge Outfall Point 004. Grab samples were taken at 15 minute intervals. Surface grab samples were also taken from Possum Hollow Run both upstream and downstream of discharge point 004. No environmental effects were observed. The period of time which the effluent pH level exceeded 9.0 was approximately 60 minutes.

The entire acid spill area was thoroughly cleaned and the yard drain system continued to be flushed with fresh water for approximately three hours after the effluent was determined to be within the 6.0 to 9.0 pH range.

8506100501 850529
PDR ADOCK 05000352
S PDR

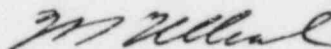
IE23
1/0

2850615290

The following actions were accomplished to prevent future occurrences:

1. The acid delivery truck driver was reminded that the tank top lid should not be left open while maneuvering the truck.
2. Individuals involved in this event received instructions regarding the need to assure acceptable conditions exist before washing potentially hazardous substance in such a manner that it could flow to untreated and unmonitored drain systems.
3. This event and its potential consequences were discussed in detail with operations and chemistry department personnel.
4. A Special Event procedure for Pollution Incident Protection is being developed. The purpose of the procedure is to provide guidance on how to respond to the discovery and handle the clean up of a hazardous substance discharge or spill. This procedure is expected to be approved and issued for use by June 14, 1985.

Very truly yours,



W. T. Ullrich
Superintendent Nuclear Generation

WAR:skm

cc: Environmental Protection Agency
Water Permits Branch
Pennsylvania Section 3WM52
841 Chestnut Building
Philadelphia, PA 19107

✓ Director
ONRR
US Nuclear Regulatory Comm.
Washington, DC 20555

Administrator, Region I
OIE
US Nuclear Regulatory Comm.
631 Park Avenue
King of Prussia, PA 19406