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SCHWENCER,A. Licensing Branch 2

see RPT

SUBJECT: Forwards procedures which comprise revised process control program & supporting lab test program.Process control program revised to incorporate provisions for sampling waste batches.

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AUG 17 1982

Mr. A. Schwencer, Chief
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Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
PROCESS CONTROL PROGRAM
ER 100450 FILE 841-2
PLA-1237 Docket No. 50-387

Dear Mr. Schwencer:

Attached are copies of the procedures which comprise the revised Process Control Program (PCP) and supporting laboratory test program for Susquehanna Steam Electric Station, Unit 1. The PCP has been revised to incorporate provisions for sampling of the waste batches and laboratory verification of solidification for every tenth batch of waste type.

Since the initial PCP submittal, date 3-25-81, Pennsylvania Power & Light has taken additional steps to upgrade the radwaste solidification system facilities. These actions, as listed below, will provide assurance that solidified waste generated will be acceptable at disposal facilities.

1) Addition of a remote sampling system for the waste batch tanks is presently being installed.

2) Laboratory facilities for sample handling and analysis are in place.

3) A laboratory testing program to demonstrate acceptable ranges of solidification constituents and establishment of baseline operating data is in progress.

Full scale testing of the solidification system has been conducted and the results indicate that acceptable waste solidification is achievable. Further testing is planned. Visual inspection of the full scale test samples will be performed to verify compliance with shipping and burial site criteria.

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The Process Control Program will be controlled by the following procedures:

1) AD-QA-331, "Solid Waste Process Control", provides administrative control and records governing the solidification system.

2) OP-68-002, "Radwaste Solidification System", gives instruction for the operation of the Radwaste Solidification System.

3) CH-RC-038, "Solid Radwaste Analysis", defines the analyses to be performed on samples taken from the waste mixing tanks prior to processing through the radwaste solidification system.

4) SC-68-001, "Solid Waste Sample Test Solidification and Evaluation", verifies the solidification of at least one in every ten canisters from a batch of liquid waste of be solidified.

Very truly yours,

N. W. Curtis
Vice President-Engineering & Construction-Nuclear

DGM/RRS/mks

Attachments

cc: R. L. Perch - NRC