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ACCESSION NBR: 7903070267 DOC. DATE: 79/02/28 NOTARIZED: NO DOCKET #
 FACIL: 50-387 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1, PENNSYLV 05000387
 50-388 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2, PENNSYLV 05000388
 AUTH. NAME: CURTIS, N.W. AUTHOR AFFILIATION: PENNSYLVANIA POWER & LIGHT CO.
 RECIP. NAME: GRIER, B.H. RECIPIENT AFFILIATION: REGION 1, PHILADELPHIA, OFFICE OF THE DIRECTOR

SUBJECT: CONFIRMS INFO PROVIDED TO NRC INSPECTOR ON 790227 RE DEFICIENCY IN COAX CABLE. CABLE HAD SECTIONS WHICH EXHIBITED BUBBLES IN SECOND INSULATION, FIRST INSULATION WAS MISSING.

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 TITLE: CONSTRUCTION DEFICIENCY REPORT (10CFR50.55E).

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NORMAN W. CURTIS
Vice President-Engineering & Construction
821-5381

February 28, 1979

REGULATORY DOCKET FILE COPY

Mr. Boyce H. Grier
Director, Region I
U. S. Nuclear Regulatory Commission
621 Park Avenue
King of Prussia, Pennsylvania 18406

SUSQUEHANNA STEAM ELECTRIC STATION
INTERIM REPORT OF A DEFICIENCY IN:
COAX CABLE HAVING POTENTIAL FOR REPORTABILITY
UNDER 10CFR50.55(e)
ERS 100450/100508 FILE 840-4
PLA-328

Dear Mr. Grier:

This serves to confirm information provided to NRC Inspector R. Gallo on 2/27/79 and relates to a deficiency potentially reportable under the provisions of 10CFR50.55(e).

The deficiency concerns coax cable (Raychem Part 10483) purchased to Bechtel Specification 8856-E-131 from Raychem Corporation. Reels 1-Q09-3, 1-Q09-4 and 1-Q09-8 were found, during the cable cutting process, to have sections which exhibited bubbles in the second insulation (clear colored, cross linked polyolefin). The defects were large enough to be clearly discernable through the outer jacket. The first insulation (white colored, polyarylene polymer) was noted to be missing throughout the sections of cable containing said defects.

In addition to the cable received through direct procurement from Raychem, similar Raychem coax cable types, which basically utilize the same manufacturing process, have been utilized by Westinghouse Electric Corporation as part of the Specification 8856-E-135 electrical penetrations and General Electric Company as part of the M-1 PGCC/ACR System for SSES.

Bechtel Nonconformance Report, NCR 3447 has been applied to the three (3) reels of Raychem coax cable. The equipment supplied by Westinghouse and G.E. will be investigated for defects similar to those found in the reels of cable and any additional nonconforming conditions will be documented and controlled by Bechtel Construction Quality Control.

7903070267

Boyer
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February 28, 1979

Since the details of this report provide information relevant to the reporting requirements of 10CFR Part 21, this correspondence is considered to also discharge any formal responsibilities PP&L may have for reporting in compliance thereto.

As further information regarding the impact on safety becomes available and a course of corrective action can be developed and the date by which said corrective action can be accomplished, you will be promptly advised.

Very truly yours,



N. W. Curtis
Vice President-Engineering & Construction

ARS:mcb

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