

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8208310252 DOC. DATE: 82/08/25 NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 AUTH. NAME AUTHOR AFFILIATION
 CURTIS, N.W. Pennsylvania Power & Light Co.
 RECP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 13

SUBJECT: Provides info per SER Suppl 13, Section 13.11.5(2)(d) re:
 submergence due to pool swell. Submergence caused by pool
 swell does not affect qualification of equipment in wetwell.

DISTRIBUTION CODE: A048S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2
 TITLE: OR/Licensing Submittal: Equipment Qualification

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	IE FILE	09	1	1	NRR CALVO, J		1	1	
	NRR/DE/EQB	07	2	2	NRR/DL DIR	14	1	1	
	NRR/DL/GRAB	06	1	1	NRR/DSI/AEB		1	1	
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ALLEGATION: 850831052
 FACILITY: 20-30
 AUTHOR AFFILIATION: Pennsylvania Power & Light Co.
 RECIP. NAME: RECIP. NAME
 LICENSE BRANCH: License Branch 3

SUBJECT: Provides info per 288 (a) Section 2.11.2(c)(4) re
 subsequence due to pool well. Subsequence caused by pool
 well does not affect qualification of equipment in well.

DISTRIBUTION TYPE: ADMS COPIES RECIP. FILE: FILE #
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Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215 / 770-5381

AUG 25 1982

Mr. A. Schwencer, Chief
Licensing Branch No. 2
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSE CONDITION NO. C(18)(a)
POOL SWELL SUBMERGENCE
ER 100450 FILE 843
PLA-1252

Docket No. 50-387

Dear Mr. Schwencer:

This letter responds to Susquehanna SER Supplement 3, Section 3.11.5(2)(d), regarding submergence due to pool swell.

The maximum pool swell height, as discussed in the SSES Design Assessment Report, Section 4.2.1.6, is 690'2". The following equipment is located in the wetwell:

Hydrogen Recombiner
SPOTMOS RTDs
Containment electrical penetrations
Cables

The hydrogen recombinder cabinet bottom elevation is 691' 2 7/8".

SPOTMOS RTDs are encased in stainless steel sheaths and are leak tight. The connection heads for the RTDs are at an elevation of 692'6" and are bolted to a flange which is mounted on top of the "stilling well" at an elevation of 691'6".

Electrical penetration assemblies are water tight. For penetrations below the peak pool swell height, the penetration cables run inside a leak tight standpipe with terminations above the maximum pool swell height.

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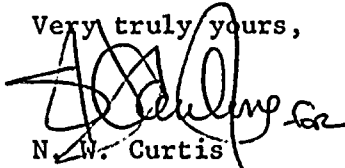
Page 2

SSES PLA-1252
ER 100450 File 843
Mr. A. Schwencer

Based upon the above discussions, submergence due to pool swell does not affect qualification of equipment in the wetwell.

This letter completes our response to this item.

Very truly yours,



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

WWW/mks

cc: R. L. Perch - NRC



10/10/10