

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8807250291 DOC. DATE: 88/07/14 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 AUTHOR AFFILIATION
 SAXTON, C.H. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 SWERDON, P. Wilkes-Barre, PA

SUBJECT: Discusses alternative dechlorination chemical in cooling tower blowdown at plant. R

DISTRIBUTION CODE: C001D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 1
 TITLE: Licensing Submittal: Environmental Rept Amdt & Related Correspondence I
D

NOTES: LPDR 2 cys Transcripts. 05000387 S
 LPDR 2 cys Transcripts. 05000388
/

	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTTR	ENCL		LTTR	ENCL
	PD1-2 LA	1	1	PD1-2 PD	1	1
	THADANI, M	1	1			
INTERNAL:	ACRS	6	0	AEOD/DOA	1	1
	AEOD/DSP/TPAB	1	1	ARM/DAF/LFMB	1	0
	NRR/DEST/ADE 8H	1	1	NRR/DEST/SGB 8D	1	1
	NRR/DREP/RPB 10	4	1	NUDGS-ABSTRACT	1	1
	OGC 15-B-18	1	0	<u>REG FILE</u> 01	1	1
EXTERNAL:	LPDR	2	2	NRC PDR	1	1
	NSIC	1	1			
NOTES:		2	2			

R
I
D
S
/
A
D
D
S



22
11
12

1

2

3

4

5

6

7

8

9

10

11

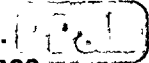
12

13

14

15

July 14, 1988



Pennsylvania Power & Light Company

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

Mr. Paul Swerdon
Chief, Permits and Grants Section
Bureau of Water Quality Management
Pennsylvania Department of Environmental Resources
90 East Union Street, Second Floor
Wilkes-Barre, PA 18701-3296

SUSQUEHANNA STEAM ELECTRIC STATION
ALTERNATIVE DECHLORINATION CHEMICAL
FOR COOLING TOWER BLOWDOWN
CCN 743126 FILE R9-8A
PLE-10688

Dear Mr. Swerdon:

On July 14, 1988, I spoke with Mr. George Fetchko of the Monitoring and Compliance Section about the use of an alternative dechlorination chemical in the cooling tower blowdown at Susquehanna Steam Electric Station. He concurred with the use of the chemical ammonia bisulfite and recommended I provide details of its use in a letter to you.

Current plan is to use ammonia bisulfite as a backup dechlorination agent in the cooling tower blowdown line while the existing sulfur dioxide injection system is out of service for repair. The ammonia bisulfite solution will be metered directly in the cooling tower blowdown line at a dosage of approximately 1 ppm. This dosage is intended to destroy chlorine residual remaining following cooling tower chlorinations which normally achieve 0.1 to 0.5 ppm free chlorine residual in the circulating water.

This action is necessary to maintain compliance with cooling tower blowdown line chlorine limits while the sulfonator system is being repaired. In addition we would plan to use this chemical in the future should similar situations occur.

If you have any comments or concerns please call me at (215) 770-7891.

Sincerely,

Curtis H. Saxton
Environmental Specialist-Nuclear

chs1tg7077a(25)

cc: Mr. G. M. Fetchko Pa DER
~~Dr. W. R. Butler~~ US-NRC ✓

8807250291 880714
PDR ADCK 05000387
P PNU

Cool
1/0

