

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8411120084 DOC. DATE: 84/10/29 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
 FIELDS, J. S. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 KOVAL, P. J. Pennsylvania, Commonwealth of,

SUBJECT: Notifies of util plans to discharge approx 1,000 gallons HX
 sample station cooling water through liquid radwaste sys
 into cooling tower blowdown line, per 841029 telcon.

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NOTES: 1cy NMSS/FCAF/PM. LPDR 2cys Transcripts. 05000387
 OL: 07/17/82
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 OL: 03/23/84

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	PERCH, R	04	1	1				
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	ELD/HDS4		1	0	NRR/DE/AEAB	08	1	1
	NRR/DE/EEB	06	1	1	NRR/DE/EHEB		1	1
	NRR/DE/SAB	07	1	1	NRR/DSI/METB		1	1
	NRR/DSI/RAB	09	1	1	<u>REG FILE</u>		1	1
	RGN1		1	1				
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NOTES:			3	3				

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ACCESSION NO. 50-112084 DOC. DATE: 8-10-79 NO. OF PAGES: 10
FACIL. 50-112084 Pennsylvania Electric Station, Unit 1, Pennsylvania
50-112084 Pennsylvania Electric Station, Unit 2, Pennsylvania
AUTH NAME: Pennsylvania Power & Light Co.
FIELD: 1
RECIPIENT AFFILIATION: Pennsylvania Power & Light Co.
KOVAL, P. J.
Pennsylvania, Commonwealth of

SUBJECT: Review of unit plans to discharge approx 1,000 gallons HX
cooling tower blowdown liner 841029 telcom.
cooling tower blowdown liner 841029 telcom.
cooling tower blowdown liner 841029 telcom.

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NOTE: LTR ENCL 50-112084 LTR ENCL 50-112084
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05000387 05000388

INTERNAL:		EXTERNAL:		TOTAL	
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MR 101 BC	18	NRR LBS LA	12	1	1
PERCHER	04			1	1
ACRS	20	ANNLFIB		1	1
ELDHOB	0	NRR\DE\AEB	08	1	1
NRR\DE\EB	02	NRR\DE\HEB		1	1
NRR\DE\CAB	07	NRR\DS\METB		1	1
NRR\DE\YAB	09	REG FILE		1	1
KONI	1			1	1
LDR	03	NRC PDR	05	1	1
NSIC	05	NTIS		1	1
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Pennsylvania Power & Light Company

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

NRC

50-387, 388

October 29, 1984

Mr. Paul J. Koval
Chief Operations Section
Bureau of Water Quality Management
Pa. Department of Environmental Resources
P.O. Box 659
90 East Union Street, Second Floor
Wilkes-Barre, PA 18702

SUSQUEHANNA STEAM ELECTRIC STATION
HEAT EXCHANGER SAMPLE STATION COOLING WATER DISCHARGE
CCN 741326 FILE 012
PLE- 6114

Dear Mr. Koval:

Per our telephone conversation of October 29, 1984, the Susquehanna Steam Electric Station plans to discharge approximately 1,000 gallons of Heat Exchanger Sample Station cooling water through the Liquid Radwaste System into the cooling tower blowdown line (Discharge 071). The discharge rate will be 100 gpm (maximum) into a minimum of 5,000 gpm of cooling tower blowdown or a dilution ratio of at least 50:1. An analysis of this water indicates the pH is 10.32 which is above permit limits. However, with dilution, the Pennsylvania Power and Light Co. (PP&L) feels that samples collected at Discharge Monitoring Sampling Location (071) would be within permit limits of 6-9. Other parameters are as follows:

Nitrite	760 ppm (oxygen scavenger)
Iron	0.59 ppm
Chloride	0.5 ppm
Isotopic	Less than detectable

None of these parameters should have any adverse impacts on the Susquehanna River.

PP&L agrees to monitor for pH prior to, during, and after discharge of this cooling water. If there are any discharge violations, the Pa. Department of Environmental Resources will be notified.

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PDR ADDCK 05000387
PDR

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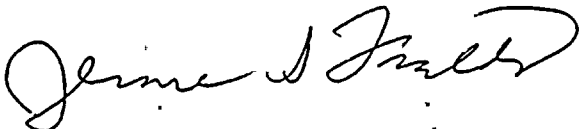
October 29, 1984

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PLE-6114
CCN 741326 FILE 012

This activity will occur approximately once every 18 months per unit prior to outages. This particular discharge will occur in either late October or early November 1984 for Unit 1. If you have any questions, please contact me at (215) 770-7889.

Respectfully yours,



Jerome S. Fields
Sr. Environmental Scientist-Nuclear

JSF:mp

jsfltj002054a

cc: (A. Schwencer) (NRC)