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TO:
Mr. W. H. Regan, Jr.

FROM:
Penna. Power & Light Company
Allentown, Penna.
N. E. Curtis

DATE OF DOCUMENT
9/28/76
DATE RECEIVED
10/5/76

LETTER
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DESCRIPTION

Ltr. w/attached.....furnishing Sunbury-Susquehanna 500 KV Line Summary-Slides.

(3-P)

PLANT NAME:
Susquehanna 1 & 2

ENCLOSURE

ACKNOWLEDGED
DO NOT REMOVE

SAFETY

FOR ACTION/INFORMATION

ENVIRO 10/5/76

RJL

ASSIGNED AD:		ASSIGNED AD:	
<input checked="" type="checkbox"/> BRANCH CHIEF:	Parr	<input checked="" type="checkbox"/> BRANCH CHIEF:	Regan
PROJECT MANAGER:		PROJECT MANAGER:	Bajwa (2)
<input checked="" type="checkbox"/> LIC. ASST.:	Rushbrook	<input checked="" type="checkbox"/> LIC. ASST.:	Duncan

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
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<input checked="" type="checkbox"/> OELD (2)		LAINAS	
<input checked="" type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
MIPC	MACCARRY	KIRKWOOD	ERNST
CASE	KNIGHT		<input checked="" type="checkbox"/> BALLARD
HANAUER	SIHWELL	OPERATING REACTORS	<input checked="" type="checkbox"/> SPANGLER
<input checked="" type="checkbox"/> HARLESS	PAWLICKI	STELLO	
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	SITE TECH.
BOYD	ROSS	EISENHUT	GAMMILL
P. COLLINS	NOVAK	SHAO	STEPP
HOUSTON	ROSZTOCZY	BAER	HULMAN
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MELTZ		GRIMES	VOLLMER
HELTEMES	AT & I		<input checked="" type="checkbox"/> BUNCH
SKOVHOLT	SALTZMAN		<input checked="" type="checkbox"/> J. COLLINS
	RUTBERG		<input checked="" type="checkbox"/> KREGER

EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> LPDR: Wilkes Barre, Pa.	<input checked="" type="checkbox"/> NAT LAB: ANL	BROOKHAVEN NAT LAB
<input checked="" type="checkbox"/> TIC:	REG. VIE	ULRIKSON (ORNL)
<input checked="" type="checkbox"/> NSIC:	IA PDR	
ASLB:	CONSULTANTS	
ACRS CYS HOLDING/SEN:		

CONTROL NUMBER
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PP&L

TWO NORTH 34TH STREET, ALLENTOWN, PA. 18101

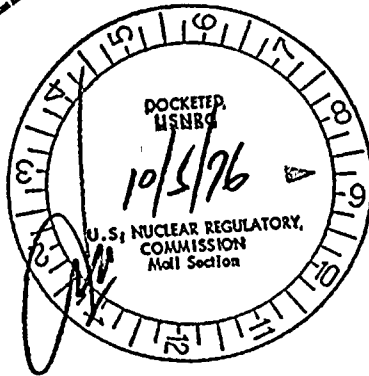
PHONE: (215) 821-5151

Bicentennial
Pennsylvania



So your children can tell
their children.

REGULATORY DOCKET FILE COPY



September 28, 1976

Division of Reactor Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Attn: Mr. W. H. Regan, Jr., Chief
Environmental Project Branch #4

Docket Nos. 50-387
50-388

SUSQUEHANNA STEAM ELECTRIC STATION
TRANSMISSION SLIDES
ER 100450 FILE 991-2
PIA-136

Gentlemen:

The Pennsylvania Power and Light Co. is submitting a set of transmission slides with a key listing locations along the Sunbury-Susquehanna 500 KV and the Susquehanna-Siegfried 500 KV line routes. These slides were prepared for U.S. Nuclear Regulatory Commission review of transmission lines in Amendment No. 5 to the Susquehanna Steam Electric Station Environmental Report.

Very truly yours,

N. W. Curtis
Vice President-Engineering & Construction

JSF:CAW

10097

dmd



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PART I
SUNBURY-SUSQUEHANNA 500 KV LINE SUMMARY -
SLIDES

The following is a list of different locations along the Sunbury-Susquehanna Route:

1. The line leaves Sunbury Substation, crosses over the Susquehanna River paralleling a 230 KV line then crosses over a 138 KV between the river and Route 147 (Photo 1, west).
2. The line crosses road going to 7 points travelling east-northeast following the 230 KV line over ridge (Photo 2, east-northeast).
3. The line crosses Route 890 paralleling the 230 KV line, travels on the southside (Photo 3 - east).
4. The line crosses Route 61 (Photo 4 - north, Photo 5 - south).
5. The line crosses road between Snyderstown and Deibler approximately two miles east of Snyderstown, (Photo 6 - north, Photo 7 - south).
6. The line crosses Route 54, approximately a quarter mile south of Union Corner, (Photo 8 - west, Photo 9 - east).
7. Photos taken from a road about 0.5 mile north of the line or approximately 2.5 miles southwest of Catawissa. At present a 500 KV line (operating at 230 KV) crossing over the 230 KV Sunbury-Susquehanna line and the new 500 KV line will also cross under present 500 KV structure. (Photo 10 - north, Photo 11 - south).
8. The line crosses the intersection of 42 and 487 approximately 0.5 mile south of Catawissa, (Photo 12 - south, Photo 13 - southeast).
9. The line parallels Route 339 north of Mainville.
10. The line crosses Interstate 80, approximately 0.75 mile east of Interchange 37, (Photo 14 - north, Photo 15 - south).
11. The line crosses Route 93 approximately a mile east of Nescopeck, (Photo 16 - west, Photo 17 - east).
12. The line crosses Route 239 on the east side of the river crossing river (Photo 18, - west).

PART II
SUSQUEHANNA-SIEGFRIED 500 KV LINE SUMMARY -
SLIDES

1. The line parallels the Sunbury-Susquehanna Line leaving the plant approximately 1/4 mile east of Route 239 on the road from Wapwallopen to Hobbie. This line crosses over Hess Mountain to the north.
2. Line travels approximately 1/4 mile north of Hobbie crossing to Donance (Photo 19 - east).
3. Line continues east crossing a road approximately 0.5 mile northeast of Hobbie, approximately .25 mile south of Feys Grove or 0.8 miles south of Emmanuel Church (Photo 20 - east, Photo 21 - west).
4. Line crosses Interstate 81 approximately 0.25 mile south of the rest area or approximately 1 mile north of the Interchange 42, (Photo 22 - southwest, Photo 23 - northeast).
5. Line crosses approximately 1.65 miles south of Church Road on 309.
6. Line crosses Route 437 approximately 5 miles north of White Haven. There are two crossings on this road.
7. The line crosses Interstate 80 approximately 2 miles west of Interchange 40 at the 2 mile sign approximately 1/2 mile east of the rest stop, (Photo 24 - north, Photo 25 - South).
8. The line crosses Route 940 approximately 3 miles southwest of Interchange 40 (Photo 26 - South).
9. The line crosses 903 and continues southeast approximately 1.5 miles crossing the Pa. turnpike Northeast Extension.
10. The line continues southeast to a pumping station then parallels 66 KV line, (Photo 27 - north).
11. The 500 KV line parallels the 66 KV at over Beltzville Reservoir, (Photo 28 - north, Photo 29 - south).
12. The line continues south-southeast approximately 1 mile across Route 209 and continues paralleling the 66 KV line, (Photo 30 - south).
13. The line travels about 1 mile east of Aquashicola, (Photo 31 - south), from this point paralleling a 230 KV line.
14. The line parallels the 230 KV crossing Route 964, (Photo 32 - north, Photo 33 - south).
15. Follows the 230 to a point near Siegfried Substation (Photo 34 - south).

