PREFACE

This is a detailed report of an investigation conducted following an allegation made by a former Penelec employee. The individual alleged that material from the Saxton Nuclear Experimental Corporation (SNEC), located in Saxton, Pennsylvania, was buried in Penelec's Williamsburg Generating Station's ash disposal site in the mid 1970's.

For the reader's convenience, a Time Chart, highlighting significant events relating to this investigation, immediately follows the Preface. Following the Time Chart is an Executive Summary of this investigation, followed by an Index.

- S/1 SHED DEACTNATED - DEDOMESSIONING ACTIVITIES BEGAN (- 7/20 - LAST FAID WASTE SHEPLEDIT FROM SHEC (2) EARLY PART OF YEAR - ACTIVITIES AT SPHEC CEASED 74 -- 11/25 -- GAUTON STEAM STATION CEASED GENERATION (3) L/1 - KOVALCHICK ABBLANED LANKLTY FOR BAXTON STEAM STATION (4) 1/2 THEL FALL - KOVALCHICK SHOWED BAXTON STEAM STATION'S EDURPHIENT TO PROSPECTIVE BLYERS (3) TO WILLIAMSBURD STATION TO BE THANKED BY GG (5)

6:00 - G-G RETIRED TO WILLIAMSBURG STATION SURT. (5) - LATE '75-EARLY '78 - MA ORSERVED
BURGAL AT WILLIAMSBURG (8)
SAXTON SYDAM SYLVION DEMOLISHED (7) 76 BARLING MILES TO SERVE (1) BANTON HUGLEAR EXPERIMENTAL FACILITY CURRENT STATUS AND REDOMBENDATIONS REPORT, 5-8-81. 717 (2) J. AUGER WRETTEN MEMO TO J. KNURED., 1-17-80. (3) SAUTOAUSNECC HESTORY SHFORSAKTION PREPARED BY T. BRADESH. -11/30 - WILLHAMBRUNG ASH HALL CONTN.
RETIRED - NEVER REMEMBED ANTOHNO,
LINE: A A DESCRIBED, BURIED IN
ASH SITE. (8) (4) R. W. CONRAD'S LETTER TO KOVALCHICK BALVAGE, 1-1-75. (3) COMPONATE PERSONNEL PLES. 79 (6) AA STATEMENT. BEP. - CONTAMBULTED SOIL FOLHED AT SMEC (1) SANTON DEMOLITION PROGRESS, 11-25-75. -MAR. - WATER SAUPLES FROM PIPE TUNNEL.
AT SHEE SHOWED RADIG STIMITY (1) (8) PP STATEMENT. BIO (9) DOMERUNDCATTERNS FILES. (10) C.C. ME40 TO J. G. HERBEIN, 12-33-88. SHORTLY AFTER HAY 8 - RAD WASTE BIT SHIPMENTS RESTARTED (1) 82 83 84 85 -11/18 - AA TRANSFORMED TO CORPORATE PROM WELLANSSURG (5) 846 87 8 7/11 - A A RESIGNED (8) -11/1 THRU 12/17 - ARTICLES APPEARED IN DISTRICT NEWSPAPERS ABOUT LOW LEVEL RAD WASTE AND REPROPER SHED GARBAGE DESPOSAL 12/10 - AA TELLS BB (10)

CHART OF SIGNIFICANT EVENTS WHICH OCCURRED FROM JANUARY 1972 THRU DECEMBER 1988

enelec 🗚 🛭

LOCATION Johnstown, EMC-1

INTER-OFFICE MEMORANDUM

DATE February 7, 1989

FROM Andrew E. Mollura

TITLE Internal Affairs - Manager

PHONE Ext. 8974

SUBJECT Executive Summary of Williamsburg Station Investigation - 89-WM-2

TO J. G. Herbein

Submitted for your review is a summary of an investigation, conducted by the Internal Affairs Department, relative to an allegation mode, that material from the Saxton Nuclear Experimental Corporation (SNEC) was buried in the Williamsburg Station ash site.

REASON FOR INVESTIGATION

SNEC was transported to and buried in the old ash site at Williamsburg between the latter portion of 1975 and the early portion of 1976.

AA suspected that the buried material may have been radioactive.

CONCLUSION

There is no evidence to support that anything from SNEC was buried in the old ash site, or any other location, on the Williamsburg Station property.

SYNOPSIS OF INVESTIGATION

During a conversation which BB , Superintendent - Williamsburg Station Operations, had with Mr. AA , information was disclosed by Mr. AA that material from SNEC was buried in the old Williamsburg ash site. Mr. AA further advised that he did not know if the material was radioactive. This activity occurred in the latter portion of 1975 or early 1976, as related to Mr. BB. Following the conversation with Mr. AA , Mr. BB notified CC , Manager of the Williamsburg Generating Station, of his discussion with Mr. AA Mr. CC then notified you, at which time the Internal Affairs Department was requested to conduct an investigation.

Mr. AA was interviewed by me and stated that he observed a triaxial dump truck, containing black barrels and construction concrete, on the old ash site at Williamsburg late in 1975 or the early portion of 1976. In addition to the triaxial truck, a backhoe was also observed on the ash site. When Mr. AA confronted DD (deceased), who was the Superintendent of Station Operations at Williamsburg, to question him about the activity, Mr. DD would only tell Mr. AA that the material in the truck was from SNEC. Mr. AA stated that Mr. DD was the only Williamsburg employee who knew about the activity. Mr. AA then contacted his immediate superior.

who was the Manager of Station Operations, and questioned him about the activity. Mr. EE indicated to Mr. AA that he was not aware of the activity, but would attempt to ascertain what was occurring and recontact Mr. AA. Shortly after Mr. AA 's conversation with Mr. EE', Ralph Conrad allegedly contacted Mr. AA and instructed him to not concern himself with the activity on the ash pile, as it was none of his business. Mr. AA then concluded that due to the cloak of secrecy surrounding the events which were occurring, he became very suspicious and felt that the material being buried may be radioactive. Because of Mr. Conrad's instruction, Mr. AA took no additional action.

Mr. Conrad was contacted as a result of the comment made by Mr. AA indicating that Mr. Conrad knew of the activity at Williamsburg. Mr. Conrad stated that he does not recall having a conversation with anyone about burying waste from SNEC at Williamsburg and would have never authorized SNEC material to be buried at Williamsburg, or any other Penelec facility.

Numerous additional interviews of past and present Penelec and contracted employees were conducted, yielding no information to substantiate the allegation.

Penelec's Saxton Steam Generating Station was dismantled at approximately the same time when this incident allegedly occurred. All documented and verbal information indicates that the contractor was only instructed to demolish and remove the material associated with the steam station. The information further revealed that all SNEC equipment and buildings were to be protected from damage, by the contractor, during the steam station's demolition. The contractor was to use whatever protective barriers necessary to accomplish this requirement. There is no information indicating that SNEC material was removed during the demolition of the Saxton Steam Station.

A file searc, conducted by GPUNC employees, indicated that there were no radioactive waste shipments from SNEC during the time frame Mr. AA alleges this incident occu.red.

Water samples from Williamsburg's old flyash disposal site and flyash and bottom ash samples from Williamsburg's new flyash disposal site were collected for analysis. Radiological surveys of both sites, using hand held meters, were also conducted. The results of all tests were consistent with natural background radioactivity and radiation.

The Nuclear Regulatory Commission (NRC) and Pennsylvania Department of Environmental Resources (DER) were notified of this investigation.

At the conclusion of this investigation, Mr. AA was recontacted and maintained his position with regard to his allegation. Mr. AA was told that no evidence could substantiate his observation and that all scientific test results proved to be negative. Mr. AA indicated that he was satisfied with these findings and did not wish to have this matter pursued any further. Mr. AA was advised that this report will be reviewed by appropriate Penelec and GPUNC management prior to forwarding the report to the NRC. Mr. AA was assured that all necessary investigative action would be taken prior to the termination of this investigation.

J. G. Herbein February 7, 1989 Page 3

It should be noted that due to Mr. AA involuntary resignation from Penelec, and negative feelings he has toward various employees (Mr. Conrad in particular) at Penelec, he has admitted that he has "an ax to grind." However, there is no evidence to support the fact that Mr. AA made this allegation as an act of retaliation against Penelec or any of its employees.

Two "Upon Inquiry News Releases" were prepared by Penelec's Communications Department as a result of periodic undates furnished to the department throughout this investigation.

Following the review of this memo by you and other appropriate members of Penelec's management, it will be forwarded to James Knubel, Director - GPUNC Security, for review and distribution to the NRC, accompanied by the detailed investigative report.

Please contact me should you have any questions relative to this investigation or the contents of this memo.

Andrew E. Mollina

/mm:5351U

cc:

H. M. Class, Jr.

R. C. Conrad

A. S. Furmanchik, Jr.

J. L. Greco

J. Knubel

R. L. Wise

INDEX

INTERVIEWS/CONTACTS

KK

LL

Conrad, R.

Cowgill, C.

FF

MM

Good, B.

Goodman, D.

Greco, J.

NN

CC

Herbein, J.

Hilderand, J.

88

Kline, J.

Knubel, J.

Kovalchick, J.

AA

00

Meo, C.

Montgomery, C.

Pastor, K.

PAGE NO(S)

382

387-388, 396-397

9

324, 325, 326, 327, 328, 329, 330

110

382

11, 332, 336, 337, 341, 343-362, 367

337

61-63, 112, 113, 312, 313, 323, 330

385-386

3, 62, 64, 114, 364

1, 2, 9, 286, 312, 330, 331, 332, 336, 337, 343

332

4, 62, 63-65, 337

326, 327, 328

2, 4, 7, 8, 62, 67, 71, 72, 318, 329, 330, 331, 332

70, 109

7, 8, 63, 284, 285, 329, 330

389

331, 332, 364

62, 71, 73-77, 286-291

341, 363, 367

Rolph, R.	337
PP	64
нн .	65, 66
II	65, 66
QQ	379-381
GG	65, 66
Stock, S.	330
JJ .	390
Young, F.	336
NOTIFICATIONS	PAGE NO(S)
Auger, J.	9
Class, H.	330
Dial, J.	329
Fix, K.	342
Furmanchik, A.	330
Long, R.	9
Nuclear Regulatory Commission	4, 8, 62, 67, 316, 317, 324, 325, 326, 327, 328, 329, 330, 332, 336
Pennsylvania Department of Environmental Resources	61, 63, 112, 113, 312, 313 318, 323
Pennsylvania Public Utility Commission	329, 330
Upon-Inquiry News Releases	4-6, 67-69, 309-311, 333-335, 338-340, 364-366
Wise, R.	72, 286, 312, 330, 363
MISCELLANEOUS INFORMATION	PAGE NO(S)
Executive Summary	305-308

Letter of Agreement Between Penelec & Kovalchick Salvage for Saxton Steam Station Demolition, dated 1-1-75 Letter from W. AA to 110, 111 R. Wise (in part), dated 7-12-88 AA Resignation Information 65 Memo from J. Auger to J. Knubel, 71, 78 dated 1-17-89 Memo from LLL to AA , dated 8-11-75 315	Investigative Report Sent to GPUNC	315, 368
R. Wise (in part), dated 7-12-88 AA Resignation Information 65 Memo from J. Auger to J. Knubel, 71, 78 dated 1-17-89 Memo from LLL to	Penelec & Kovalchick Salvage for Saxton Steam Station	114, 280, 281
Memo from J. Auger to J. Knubel, 71, 78 dated 1-17-89 Memo from LLL to	R. Wise (in part), dated	110, 111
Memo from LLL to	AA Resignation Information	65
		71, 78
		315

W371.JPK

Penelec GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

-7-89	12:30 p.m.	RECOMMENDED	D NO	MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND	09		OF
DATE/TIME		\$5 FOLLOW-UP ACTION	Ø YES	26 REVIEW	VED BY HATERMAL AFFAIR	Contract of the Contract of th	27. PAGE
On .	v E. Mollura A. C.	100 DA	059		EMC-1		74
SON PRE	AND Andre	AW E. Mollura	PLOYEE NO		1-5-8	89 12:00 n	OON
		NOTIFIED IN INTERNA AFFAIRS D	EPARTMENT, JOHN	STOWN		22 DATE/TIME N	Sept. Of Sept.
10	rinci attriumsoury s	redefor superince	macric. U	ue to Pir.	nerbern's co	meern that	
	r. &B and ormer Williamsburg S		who is a f	ormer Pene	elec employee	and	
in	nformation from Mr.	BB as a resu	ilt of a t	elephone o	conversation	between	17.315
W1	illiamsburg ash site	during the mid	1970's.	Mr. cc	received t	this	
	lliamsburg Generati uclear Experimental						
re	ceived information	from cc	an unun	Superinter	ndent of the	Caytan	
	On January 5, 198	19, J. G. Herbeir	notified	me at 12	:00 noon that	he	
NARRATIVE	-LIST WHAT HAPPENED INTERVIEWS	PHYSICAL EVIDENCE GATHERED	ANY ADDITIONAL	NFORMATION FROM	M ABOVE BLOCKS, AND A	NY OTHER PERTINENT	INFORMATIO
LOSSE	S 8		ED PROPERTY	8	LABOR 18	RECOVERED PRO	
PROPER		TV Addition	*				
DAMAG							
6							VALUE
PROPER	RTY						
STOLE							
	MAX	E COLOR		MODEL NO.	SERIAL N	Ю.	VALUE
-			To the second se			Minama a service service	
POLICE DEP	PARTMENT OFF	ICER DEP	ARTMENT ADDRES	5	PHONE	MCIDEN	NUMBER
VICTIMI SUSPECT #							
positions	8 1					The state of the s	
ACTION	YEAR MAKE TYPE (COUR	PE. SEDAN. TRUCK) COLOR	MAN SERI	AL NO PENS	LEC EQUIP NO. ID	ENTIFYING CHARACTE	RISTICS
COMPANY	IF PENELEC EMPLOYEE	WORK LOCATION	P	OSITION	EMPLOYEE NO).	SUPERVISO
ACTION							
LEGAL	RACE SEX	DOB AGE	HEIGHT	WEIGHT	HAJR EYE	S SOCIAL	SECURITY NO
2 USPECT	NAME (LAST, FIRST, MIDDLE)			ADDRESS			HOHE
T.L.							
O TYPE OF PR		endent - Station	Operation	STATE OF THE PARTY	12-19-88	During v	workday
DISCOVERER				OME PHONE	8 DATE DISCOVERED	9. TIME DISC	
	WORK LOCATION	POSITION		EMPLO	TEE NO.	wo	RX PHONE
-	WORK LOCATION	POSITION		F146 (2)	upe sub		
VICTIM	NAME	AGE		DORESS	A DI	the experience is more interesting to the contract of	ME PHONE
LOCATION	sburg Generating St	ADDRESS		BORO/TWP/CITY		umv air 814-83	PHON
Other	NAMES OF THE OWNER, THE PERSON NAMES OF THE OWNER, WHEN THE PERSON NAMES OF THE OWNER, WHEN THE PERSON NAMES OF THE OWNER, WHEN THE OWNER, WHE	The second secon	THE RESIDENCE OF CONTRACT PRODUCTION AND ADDRESS OF THE PARTY.	See Narrat	ive	See Nar	rative
					DAY	A TIME OCCU	COLUMN TO THE PARTY OF THE PART

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NUMBER

89-WM-2

cc to forward him written c	orrespondence pertaining to	Mr. BB
telephone conversation with the handwritten correspondence f 23, 1988.	A Attached to this reprom Mr. CC to Mr. Herb	ort is a copy of ein, dated December
Mr. Herbein advised me that being buried in the ash site at	Williamsburg. Mr. Herbein	did state that the
Fossil Fuel Generating Station a The Saxton Nuclear Station was d	eactivated in the early 1970	O's. Mr. Herbein
stated that some of the equipmen for use, but to his knowledge th	t was transferred from SNEC ere was no radioactive mate	to Williamsburg rial sent to
Williamsburg.		
Mr. Herbein notified James K incident. Mr. Knubel, Mr. Herbe	in, and I agreed that I show	uld interview Mr.
BB pertaining to his convers January 6, 1989, with Mr. BB	ation with Mr. AA A	meeting is set for
Mr. Herbein also notified R.	Wise and P W Conned of	f the incident I
notified H. M. Class, Jr. and A.	S. Furmanchik, Jr. of this	incident.

Lil wy 52.2,

Jack Herbein;

(in December 19, 1988 a call came into the Station from AA . During the conversation, he stated that because of the resent news release regarding the radioactive material found outside the fence at the Saxton plant site, we should be aware drums of waste material from the Saxton station were luried in the old ask site at Williamsling. at the time, the Sayton Station was being dismantled. AA also stated that he and GG now retired were sort of co-managing Williamsburg. at any rate, when he heard what was going on, he had the deune stopped. It seams the material in the draws was somewhat questionable to him.

enelec GPU

'NTERNAL AFFAIRS DEPARTME'T INCIDENT NOTIFICATION

TYPE OF INCIDENT			2. INCIDI	ENT NO
DTHER			80	5-MM-5
A REQUESTING NO.			FACILITY	PHONE NO.
AFE M			Coop.	8974
WILLIAMEBURG	STATION			
PERSON ISSUING NO.			DATE	TIME
AEM			115189	1:300
RECEIVED -		ANCE FROM		
mas ' Bu	THE THE	where	URG AL	2ITE
DATE AUDITING DEPARTMENT NOTIFIED	8. IMMEDIATE AUDIT NOTIFICATION UP TES ONO IF YES WHO WAS NOTIFIED	S INT	ERNAL AFFAIRS	CE AT THU
115189	S.J. 51044.	IN PERSON	AEC	noccupa
	WHITE-INTERNAL AFFAIRS	CANARY—AUDITING	3A)	MS-92 108

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

89-WM-2

INCIDENT NUMBER

SUPPLEMENT INCIDENT REPORT

			-			-				
Other					3 DATE OCC	URRED	4. VICTIA			
SUSPECT	NAME ILAST	FIRST, MIDDLE)	-			ADDRESS			-	PHONE
SUSPECT	Terrine (Long)	Title (, microrus)				Authead				PHONE
LEGAL ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	COCIAL S	SECURITY N
OFFICIAL	IF PENELEC		WORK LO	CATION	PC	SITION	EMPLO	YEE NO	-	SUPERVISO
ACTION	EMPLOYEE									
Penele	c, appea	red at m	y offic	e and t	he follow	a twe	iew was	conducte	d. Mr.	
the su	stated,	"One da	y A	A T +hin	called t I'm the	one that	e just c	hitchatt	ing and	-
All he	said wa	s, 'Do y	ou know	that y	ou guys h	ave stuff	from SNE	C buried	in	
your a	sh site	(William	isburg)?	He s	aid that	it came in	drums.	He said	that	
ne did	n't know	IT IT W	as not	radioa	ctive) or	not. He	said he	had to f	ight	-
hannen	ed when	he just	came to	William	mshura	stopped. I think it	me said	ly 176 o	n late	
175.	He didn'	t know h	ow much	was bu	ried, whe	re it was	buried	or what	the	-
substa	nce was.		CC	said	he talke	d to G	C	about it	and	
GG t	old him	that not	hing wa	s burie	d from Sa	xton. Whe	n the Sa	xton pla	nt was	-
disman	tled, we	did hav	e thing	s shipp	ed to us,	like tool	s and a	water pu	rifier,	
but no	radioac	tive was	te that	. I remen	mber. Who	en the wat the ash p	er purif	ier came	, we	
it was	radioac	tive, bu	t I dou	bt it.	The Saxto	on plant w	as torn	down by	9	-
contra	ctor. I	'm not s	ure of	the con	tractor's	name. It	may hav	e been		
Kovalc	hik from	Indiana	, Penns	ylvania	or Reed	from Broad	top, abo	ut four	or five	-
miles	from Sax	ton. Wh	en I sp	oke wit	h AA . t	here was ci	oncern i	n his vo	ice	
about	the barr	els buri	ed in t	he site	. I don'	t know how	the mat	erial wa	s taken	
to Wil	11amsbur	g. (Ih	is inte	rview c	oncluded	at 10:00 a	.m.)	-	-	-
Fo	llowing	the inte	rview,	I met w	ith Mr. H	erbein who	advised	me to c	onfer	
with M	r. Knube	l pertai	ning to	notify	ing the N	uclear Regi	ulatory	Commissi	on	
(NRC),	Mr. Kn	ubel was	contac	ted by	telephone	and indica	ated tha	t he wou	1d be	
notity	ing the	NKL 1mme	diately	of the	Situation	n. Mr. Kn	ubel fur	ther req	uested	
nie to	owledge	about th	JIW phil	n Mr.	D E V	nd intervi	ew nim p	ertainin	SERVICE CARREST CARREST CONTRACTOR AND ADDRESS OF THE PARTY OF T	
establ	ished a	tentativ	e meeti	ance.	lanuary O	contacted, 1989, be	u Mr.	AA a	nd	
me. M	r, Knube	l will a	lso att	end thi	s meeting	1303, 06	LWCEII MY	. AA	and	-
				W.1.4	- moceting	1.00				
At	tached t	o this r	eport i	s an up	on inquir	news rela	ease, wh	ich was	-	
prepar	ed in the	e event	that th	e news I	media requ	uests comm	ent pert	aining t	o this	
situat	ion.								-	
							1. P. C.	ORK LOCATION		
UNFOUNDED C	CLEARED	8 PERSON	N PREPARING	HENORI (MRIN.	T/TYME & SIGNI	EMP: OVER I			56.00	WANTED
	CLEARED		HPREPARING P		11 / 100	Phin a 9059				ORK PHONE
NATE TIME PREPARE 7-89 12:3	D	Andr		Mollura	A.E. Mos	EMPLOYEE P GUA 9059 EVIEWED BY INTERM	E	MC-1	89	ORX PHONE 974 12 PAGE

MS-85 1286



INTER-OFFICE MEMORANDUM

CONFIDENTIAL

DATE

January 5, 1989

FROM

PHONE

Paul Abram

TITLE

Media Relations Manager

8296

SUBJECT

Upon-Inquiry-Only Statement re Saxton Debris at Williamsburg Station

TO

J.G. HERBEIN

Attached for your information and use in case of questions from the media is a confidential upon-inquiry-only statement regarding the possibility that debris from Saxton Nuclear Station was buried at Williamsburg Generating Station.

The statement will also be used by Penelec Communications and GPUNC Communications to respond to media inquiries.

PAUL ABRAM

8808C/pta

cc: C.A. BURKETT (with attachment)

R.W. CONRAD (with attachment)

CC

th attachment)

RR

ith attachment)

SS

(with attachment)

R.L. WISE (with attachment)

Penelec 4 GF

LOCATION

Johnstown

Upon-inquiry-only statement re possibility of Saxton Nuclear Station debris being buried at ash site at Williamsburg Generating Station:

Officials of Penelec and GPU Nuclear Corporation (GPUNC) are investigating the possibility that some debris from mid-1970's dismantling activities at the old Saxton Nuclear Station in Bedford County was buried at the Williamsburg Generating Station in Blair County.

The investigation is centering on a report that the debris was buried at the old ash-disposal site at Williamsburg Station.

The Nuclear Regulatory Commission has been informed of the investigation.

Beyond this information, officials of Penelec and GPUNC do not want to comment because the investigation is continuing.

8803C

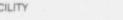


PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

-		The state of the state of the state of		NAME OF TAXABLE PARTY OF TAXABLE PARTY.			
TYPE OF INCIDENT				3. DATE OCC	CURRED	4 VICTIM	
Other			-				
SUSPECT	NAME (LAST, F	RST, MIDOLE)			ADORESS		PHONE
ACTION	RACE	SEX OX	OB AGE	HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO
OFFICIAL	IF PENELS		WORK LOCATION	R	OSITION	EMPLOYEE NO	SUPERVISOR
ACTION	EMPLOYEE				67.4		
NARRATIVEUST	ALL RESULTS OF AL	OTTIONAL INVESTIG	ATION AND ADDITION	IAL INFORMATION FR	OM AZ SET SLOCKS		
			the followi	ng investi	gation was	conducted whi	le in the
compa	iny of Mr.	Knubel.					
	AA					-	
manufacture.				stad at hi	e place of	business at 2	· 5/1 p m
Mu	** **	ated "I	was conta	iamsburn a	s the Supe	rintendent lat	e in '75
05.03	176 -21	I remember	r a backhoe	. on track	s. coming	onto the ash s	ite
	rty.	DD	(deceased). who wor	ked for me	, knew what wa	s going
on, b	out the onl	v thing I	oot out of	him was t	hat they (people on the	ash site)
were	butting so	mething in	the ash s	ite from S	NEC. Then	e was a dump t	ruck
(tria	axial) cont	aining bla	ack barrels	on top of	concrete	with re-bar st	icking
out.	I then ca	illed E	E (dec	eased), wh	o was my b	oss and asked	what was
going	on. He s	aid he did	dn't know w	hat was go	ing on and	he would get	back to
me.	About a da	y or two	later, Ralp	h Conrad c	alled me a	nd bluntly sai	d that it
was r	none of my	business a	and to kee;	my nose o	ut of it.	It was a shor	
conve	ersation ar	d I follow	wed his ins	truction.	I think t	hat DD	was
the c	only one at	. Williamst	burg that k	new what w	as going o	n. I asked D	D about
what	was on the	truck and	d he just s	aid the tr	uck contai	ned articles f	rom
SNEC.	. About a	month price	or to this,	I was at	SNEC for a	tour and ther	e were
some	concrete a	reas marke	ed as radio	active and	since I s	aw areas where	concrete
previ	iously was	removed,	I felt the	areas I sa	w, which w	ere marked, we	re also
going	to be ren	loved. Bed	cause of th	e secrecy	in which t	he work at the	ash site
was t	being done,	and the	way DD	Wd	s acting,	I suspected th	lat the
artic	cles which	were buri	ed were rad	noactive.	ine work	that was being	done on
the a	ash site wa	is not done	e by anyone	trom Pene	rec, that	I knew, nor we	re the
vehic	cles Penele	c venicle	s. I'd say	the work	was done o	n the ash site	TOF
about	t a week (P	sonday thre	ough rriday). Becaus	e of all t	he work that h	las been
done	on the asi	site sin	ce that tim	e, I could	only say	that the artic	ted Pales
were	buried wer	e buried	in the midd	ie of the	site. Alt	hough I respec	the week
Lonra	ad s direct	Tre. 1 00	Served a 10	con activ	net day le	ash site for	nat camo
they	were there	. Ine Sal	me truck 1	saw the Ti	ist day le	ft the site th	ia c same
		moreover the amendment			Marie Street, State States	*****************************	
T STORY OF THE PERSON							
UNFCUNDED C	CLEARED		PARING REPORT (PR		EMPLOYEE		THE RESERVE OF THE PARTY OF THE
NOT CLEARED		Andrew	E. Mollura	A.C. Molle	ma 905?	EMC-1	8974
DATE/TIME PHEPA					EVIEWED BY (INTERN	AL AFFAIRS	12 CAGE
-11-89 5:	:00 p.m.	RECOMMEN	DED	O NO	THE PART OF THE PA	H)	OF



MS-85 1286



PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NUMBER 89-WM-2

day with ash in it. I was a young employee at Williamsburg when this occurred. I had a lot of other things that I worried about, so this incident didn't really bother me at the time. I really didn't think much about it until the article in the Altoona paper on December 18, 1988, came out. When I BB , the article came up in the conversation. I just said I wonder if anyone knows about what was buried at Williamsburg and it was dropped. I do not want to get even with Penelec and that is not why I said what I did. If that is the case, I could have made timely calls to another place. Burying articles in the ash, other than ash, was not a common practice. I'm not saying that since Ralph told me to keep my nose out of this, he knew what was occurring. That is all he said and that was the end of our conversation. It was only through my conversation with that I knew the articles were from SNEC. The barrels had no radioactive placards, that I saw. They just appeared black in color. I remember seeing three or four barrels on top of dirt and construction concrete waste. The fact that the concrete had re-bar, indicated it was construction concrete. This did not occur when GG was at Williamsburg. He left before this incident. It looked like they buried the items in the center of the pile. If I knew for a fact that the items buried were radioactive, I would tell you now. (This interview concluded at 4:10 p.m.) AA insisted that he did not tell Mr. Bf of this information for the purpose of getting even with Penelec. The information was only brought to Mr. 88 attention as part of a routine telephone conversation between two individuals who are personal friends. AA indicated that the following individuals, who are sormer Penelec employees, may have information pertaining to this incident: 6 G - Williamsburg Station Superintendent HH - Shift Supervisor at the Williamsburg Station and SNEC II Maintenance Supervisor at Williamsburg Station and SNEC

PERSON PREPARING REPORT (PRINT/TYPE SIGN) Andrew E. Mollura 4 C

investigation.

4 REVIEWED BY (INTERNAL AFFAIRS)

Mr. Knubel indicated that even during the mid 1970's, low level

requested that Mr. Knubel keep him advised of the progress of this

radioactive waste could only be disposed of at licensed disposal sites. Mr. Knubel further indicated that he notified Anthony Weadock, telephone number

, NRC Region I, of this incident on January 6, 1989. Mr. Weadock

PAGE

MS-86 1286

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

89-WM-2

INCIDENT NUMBER

Other									
Othor					3 DATE OCC	JARED	4 VICTIA	1	
Approved the second second second			-			THE SHAPE SHOWING			
SUSPECT	NAME (LAST	FIRST, MIDOLI				ADDRESS			PHONE
EGAL ACTION	RACE	SEX	900	AGE	HEIGHT	WEIGHT	HAR	EYES	SOCIAL SECURITY NO
COMPANY	IF PENELEC	-	WORK LO	NO A THOM	-	emos.			
DEFICIAL ACTION	EMPLOYEE		WORK LO	CATION	^	SITION	EMPLO	ON BRYC	SUPERVISO
					** ****				
Or	n January	10, 19	89, the	followi	ng invest	igation wa	as conduc	ted.	
D	aloh W C	onnad	Sonian V	Hon Don	eident w				
11:00	a.m. and	questi	oned rel	ative t	sident, wo	mont that	Mr A	S OTTICE	
Januar	ry 9, 198	39. abou	t Mr. Co	nrad to	lling Mr.	AA	not to b	n mac	le on
in the	e incider	it at th	e Willia	msburg	Station.	Mr. Conn	ad stated	that he	does
not re	ecall any	conver	sation w	rith any	one about	burving	waste fro	ym SNEC :	t
Willi	amsburg a	and neve	r would	have au	thorized	SNEC mate	rial to t	e burier	at
Willia	amsburg o	or any o	ther Pen	nelec fa	cility.	He stated	that Per	nelec onl	v had
author	rity to r	nandle t	the disma	intling	of the Sa	xton Steam	n Generat	ing Stat	tion.
Mr. Co	onrad sta	ated tha	it he doe	s not r	remember a	nything of	f how SNE	C's wast	te was
di spo:	sed of du	iring th	is time.	Mr C	annad cou	1 4	no other	inform	4/
				PH & W	onrad cou	id supply	no otner	. THEOLING	ition
perta	ining to	this in	cident.	(This	interview	concluded	d at 11:1	5 a.m.)	ition
perta	ining to	this in	cident.	(This	interview	concluded	d at 11:1	5 a.m.)	
perta A	ttached t	this in	report i	(This	mation re	concluded	the hist	5 a.m.)	
perta A Saxto	ttached to	this in to this Fuel Pl	report i	(This	mation rement and t	lative to	the hist	5 a.m.)	
perta A Saxto	ttached to	this in to this Fuel Pl	report i	(This	mation re	lative to	the hist	5 a.m.)	
A Saxtor inform	ttached to n Fossil mation wa	this in to this Fuel Pl as prepa	report i ant for ared by 1	(This is infor retiren Thomas B	mation rement and the gradish for	lative to he SNEC re r Mr. Heri	the hist etirement bein.	5 a.m.) tory of t	the
A Saxton inform	ttached to restrict the restrict to the restrict the rest	this in to this Fuel Pl as prepa in conta	report i ant for ared by Tacted me	(This	mation rement and the gradish for that	lative to he SNEC re r Mr. Heri	the hist etirement bein.	5 a.m.) tory of t	the
Saxton inform took	ttached to restrict the restrict to the restrict the rest	this in to this Fuel Pl as prepa in conta	report i ant for ared by 7 acted me the Wil	(This is infor retirem Thomas B and adv	mation rement and the rement and the rement and the rement are that are ash si	lative to he SNEC re r Mr. Heri on Janua	the hist etirement bein.	5 a,m.) cory of t . The	BB and CMP
Saxtorinform Montook (ttached to Fossil mation was r. Herbei water san itoring p	this in to this Fuel Pl as prepa in conta nples of points.	report i ant for ared by 7 acted me the Will The sam	(This is infor retirem Thomas B and adv Iliamsbu	mation rement and the radish for vised that are sent were	lative to he SNEC re r Mr. Heri on Janua te from to ia Penele	the hist etirement bein.	5 a,m.) cory of t . The	BB and CMP
Saxtorinform Montook (ttached in Fossil mation was r. Herbei water sam itoring paker, Ma	this in to this Fuel Pl as prepa in conta mples of points. anager -	report is ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and to radish for vised that arg ash siere sent when toring	lative to he SNEC re mr. Heri on Januar te from the penelection, GPUNC.	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the series of the seri	BB and CMP to Dr.
Saxtorinform Montook (ttached in Fossil mation was r. Herbei water sam itoring paker, Ma	this in to this Fuel Pl as prepa in conta mples of points. anager -	report is ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and the radish for vised that are sent were	lative to he SNEC re mr. Heri on Januar te from the penelection, GPUNC.	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the series of the seri	BB and CMP to Dr.
Saxtorinform Montook (ttached in Fossil mation was r. Herbei water sam itoring paker, Ma	this in to this Fuel Pl as prepa in conta mples of points. anager -	report is ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and to radish for vised that arg ash siere sent when toring	lative to he SNEC re mr. Heri on Januar te from the penelection, GPUNC.	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the series of the seri	BB and CMP to Dr.
Saxtorinform Montook (ttached in Fossil mation was r. Herbei water sam itoring paker, Ma	this in to this Fuel Pl as prepa in conta mples of points. anager -	report is ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and to radish for vised that arg ash siere sent when toring	lative to he SNEC re mr. Heri on Januar te from the penelection, GPUNC.	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the series of the seri	BB and CMP to Dr.
Saxtorinform Montook (ttached in Fossil mation was r. Herbei water sam itoring paker, Ma	this in to this Fuel Pl as prepa in conta mples of points. anager -	report is ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and to radish for vised that arg ash siere sent when toring	lative to he SNEC re mr. Heri on Januar te from the penelection, GPUNC.	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the series of the seri	BB and CMP to Dr.
Saxtorinform Montook (ttached in Fossil mation was r. Herbei water sam itoring paker, Ma	this in to this Fuel Pl as prepa in conta mples of points. anager -	report is ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and to radish for vised that arg ash siere sent when toring	lative to he SNEC re mr. Heri on Januar te from the penelection, GPUNC.	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the series of the seri	BB and CMP to Dr.
Saxtorinform Montook (ttached in Fossil mation was r. Herbei water sam itoring paker, Ma	this in to this Fuel Pl as prepa in conta mples of points. anager -	report is ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and to radish for vised that arg ash siere sent when toring	lative to he SNEC re mr. Heri on Januar te from the penelection, GPUNC.	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the series of the seri	BB and CMP to Dr.
Saxtorinform Montook (ttached in Fossil mation was r. Herbei water sam itoring paker, Ma	this in to this Fuel Pl as prepa in conta mples of points. anager -	report is ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and to radish for vised that arg ash siere sent when toring	lative to he SNEC re mr. Heri on Januar te from the penelection, GPUNC.	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the series of the seri	BB and CMP to Dr.
Saxtorinform Montook (ttached in Fossil mation was r. Herbei water sam itoring paker, Ma	this in to this Fuel Pl as prepa in conta mples of points. anager -	report is ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and to radish for vised that arg ash siere sent when toring	lative to he SNEC re mr. Heri on Januar te from the penelection, GPUNC.	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the series of the seri	BB and CMP to Dr.
A Saxtor inform M took was 4 mon Gary	ttached to restrict the restrict to the restri	this in to this Fuel Pl as prepa in conta nples of points. anager -	report in ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h	mation rement and the rement and the rement and the rement and the rement are sent when the rement and Bob L	concluded lative to he SNEC re r Mr. Heri on Janua te from t ia Penele , GPUNC. ong of GP	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	5 a,m.) cory of to. The 39, Mr., CMP 3, system	BB and CMP to Dr.
Saxtorinform Mook 1 4 mon Gary	ttached to restrict the restrict to the restri	this in to this Fuel Pl as prepa in conta mples of points. anager - in notif	report i ant for ared by 7 acted me the Wil The sam - Radiolo	(This is infor retirem Thomas B and adv lliamsbu nples we ogical h n Auger	mation rement and the rement and the rement and the rement and the rement with the remember of	concluded lative to he SNEC re r Mr. Heri on Januar te from to ia Peneles , GPUNC. ong of GP	the hist etirement bein. ry 9, 198 he CMP 2 c's pony	tory of the say, Mr., CMP 3, system the incide	BB and CMP to Dr.
A Saxtor inform M took was 4 mon Gary	ttached to restrict the restrict to the restri	this in to this Fuel Pl as prepa in conta nples of points. anager - in notif	report in ant for ared by Tacted me the Will The same Radiolo	(This is infor retirem Thomas B and adv lliamsbu mples we ogical M n Auger Mollura	mation rement and the rement and the rement and the rement and the rement as a significant with the rement and Bob L	concluded lative to he SNEC re r Mr. Heri on Janua te from t ia Penele , GPUNC. ong of GP	the histerirement bein. ry 9, 198 he CMP 2 c's pony UNC of to	5 a,m.) cory of to. The 39, Mr., CMP 3, system	BB and CMP to Dr.



INTROGUCTION

On Wednesday, January 4, 1989, J. G. Herbein, E. R. Cathcart and T. J. Bradish met to discuss the phone call made by a former employee. An to Williamsburg Station. The thrust of the phone call was that during the period that AA was at Williamsburg with GG., who was retiring, drums of waste from the Saxton Plant were buried in the Williamsburg Ash Site.

Tom Bradish was directed to:

- Identify the period of time before Mr. GG retirement that Mr. An was at Williamsburg for training in preparation for assuming the position of plant manager.
- II. Identify the time period and activities associated with the retirement of the Saxton Fossil Plant.
- III. Identify the period and activities associated with the retirement of the SNEC Plant.

FINDINGS

GG and AA employment overlap.

A review of personnel records show that Mr. GG, last day at Williamsburg Station was June 30, 1975. Mr. AA first day as plant manager was July 1, 1975. The records also show that on June 12, 1975 a request was made for a salary figure for Mr. AA A payroll authorization for Mr. AA was sent out on June 16, 1975.

CONCLUSION

It appears that an overlap did occur. Based on discussions CC CC has had with Mr. GG the length of this overlap was six weeks.

II. Saxton Fossil Plant Retirement

The fossil station ceased generation as 2:37 P.M. on November 25, 1974. The station was officially retired in December 31, 1984. A copy of the retirement work order is attached as Exhibit 1.

Inventories of station equipment/spare parts was distributed to Met-Ed, JCP&L and Penelec stations. Exhibit 2 contains the property transfer reports of the material sent to Met-Ed and Williamsburg Station. None of the Williamsburg reports are dated, but the Med-Ed report is dated December 30, 1974. The Met-Ed report date and the fact that the station appeared to be turned over to the demolition contractor on January 2, 1975 would indicate that Penelec removed what it wanted before January 2 except for some of the equipment associated with SNEC that was located in the fossil station. This is discussed in Section III of this report.

Kovaichick Salvage Company was the successful bidder for the demolition of the station. Kovalchick moved on tite on January 2, 1975, but according to the Project Engineer. FF , heavy demolition activity did not begin until the Fall of 1975. The period prior to this was used by Kovalchick to show prospective buyers the equipment in the station. This is substantiated by the photos attached as Exhibit 3. The demolition of the plant was completed in May of 1976. Mr FF remembers that Kovalchick hauled the scrap to local scrap dealers. He stated that he visited the plant about three times each month during the demolition and doesn't recall any activity occurring at the SNEC facility during the demolition of the fossil station. Section 4:03.1 of the demolition specification stated that the contractor was required to protect SNEC structures and equipment while demolishing the fossil station.

Exhibit 4 contains two memos from R. W. Conrad, one dated July 17, 1974 to TT and the other dated November 20, 1974 to ... uu concerning the fossil station demolition. Both memos discuss the transfer of material/equipment to the other stations, that SNEC property would remain for 10 to 20 years and that the Eastern Division Operating Department would maintain a garage, storeroom and gasoline pump for use by line crews.

CONCLUSION

The records that were located concerning the retirement of the Saxton Fossil Station indicate that usable material/equipment from this plant was transferred to other Penelec and Met-Ed Stations. The earliest this transfer could have occurred would have been December 1974. In order to determine when the last transfer of equipment was made, additional interviews with former Saxton and Williamsburg Station employees may be helpful. It is the opinion of this writer however that it is unlikely that any Saxton Fossil Station demolition material would have been put in "drums" and hauled to the Williamsburg ash site. If this did occur, it would have happened in all probability after July 1975 based on this research of the demolition time line.

III. SNEC Facility Retirement

The SNEC facility was shut down on May 1, 1972 as outlined in a 1987 FERC Form No. 1 Report (Exhibit 5).

Exhibit 6 contains the correspondence associated with the various equipment at SNEC. This appears to have been accomplished in June/July 1973 time frame.

In 1974 SNEC signed an agreement with the Borough of Saxton which transferred ownership of Certain tangible property and removable equipment to the Borough (Exhibit 7). As stated in C. R. Montgomery's memo dated December 18, 1971, items 1 through 36 on the schedule were to be removed in connection with the retire of the fossil station. The items associated with the demineralizer system were transferred to Williamsburg. Based on the memo (Exhibit 8) dated May 22, 1975 from T. L. Carroll, Jr. and that G. P. Gail has a sketch of the layout of the demineralizer at Williamsburg dated April 1975 would support the conclusion that the SNEC equipment was removed before May of 1975. The last Penelec employee to leave SNEC was

CONCLUSION

Because of Penelec's limited responsibility for SNEC, only accounting related documents could be found. GPUNC will have to be called upon to provide decontamination records for the SNEC facility. During a phone

conversation on January 5, 1989, John Auger, a GPUNC Licensing Engineer, indicated that shipments of material associated with the plant cleanup may have occurred through mid-1975. It wasn't until the late summer of 1975 that the plant could be considered locked up.

EXHIBIT 1

HITLE OF	HETTRE CO		6	Capes	THE STREET, ST.
MOREWY	GENERATION	Drs Percy	SAXTON STA. 10N		mo Jamella J
ASSIGNED	B. W. CONRAD	ASSIGNED TO	VV	DATE ASSIG	mes 12/6/74

DESCRIPTION, LOCATION, AND DETAILS OF WOLK

Application for dismantling, removing and retiring #2, 3, 4, 5, 6, 7 & 8 Taylor boilers and #2, 3 & 4 turbines at the Sarton Station, together with all associated fans, pumps, piping, ductwork, coal bunkers, condensers and other auxiliaries. Retirement has been approved by Pennsylvania Public Utility Commission for December 31, 1974.

The above units and related equipment are being retired because of he size and age of the units and the expenditures required to upgrade the operating equipment and the additional required expenditures necessary to meet Federal and State regulations for air, water and industrial waste treatment.

It was origin lly planned to secure the building after all salvageable and re-usuable equipment had been removed. The decision to destroy the building and remove all debris from the site and level the site was dependent on the cost of removal and if funds were available. Bids hare been received and a credit of \$100,000 can be received.

Credit Received - (\$100,000) Cost Incurred - 15.000 Net Realized from Sale - (\$85,000)

The existing electrical substation, brick storeroom building, gasoline pumps, and the 4 stall brick garage building will remain on the property and be transferred to the following:

If the land end building are held, the annual tax to Pa. Public Utility Realty Tax will be: Land - \$985.82; Structures (Station only) - \$25,815.23; Storeroom and 4 Stall Garage are with land.

Items have been transferred to other Penelec Dep rtments on a property transfer report prepared by the Engineering Department. After approval, work is slated to start January 2, 1975; however, the control area of the building will remain in service until June, 1975, due to transformer delivery

	managed at the control of the state of the s	The second secon	NAME AND ADDRESS OF THE OWNER, THE PARTY OF	THE COURSE WAS ARRESTED AND ADDRESS OF THE PARTY OF THE P	THE RESERVE OF THE PARTY OF THE	-
		WAS WORK PERFORM	MID BY ACCOSOMMICS	WITH THE CTUET		
MARKTRAMICS	☐ YES ☐ MO	COMSTRU	CTION TES	7 40	REPUBLICATION TO THE	T 140
	No.	OKATE CHAMGES ON ACC	OMPANYING EAL OF	MATERIA AND/OR SKETCH	No. of Contrast of	-
MANAGE BY COM	plete demolit	inn as abo her	ilding. Per	selec can be re	Adamad at the	
5 2 2 4 9 8 4 4 M	12 1 1		SERVICE AND RESIDENCE OF THE PARTY OF THE PA	and the same of th	lieved of th	
TIEDITITY OF	the abandone		aliza incom	e from sale of	ald equipms	ent.
and be spare	d the \$25,000		h year.			
		Tioners la	1-,-7	SCHO	XX	***************************************
	The same of the sa	/	and the second second second second	A CONTRACTOR OF THE PARTY OF TH	2.7.70	***************************************
MEW COMSTRUCTION		##PIREMEM!		MARKTENANCE ORDER	GROTT REVENUE	OME SAYES
ALL BOX - COMP	BET PURCING FOREIGN	451 COST OF 9844	- TANKS CONTRACTOR	STATE OF THE OWNER, MAY NAME AND ADDRESS OF THE OWNER, WHEN PERSONS AND ADDRESS OF THE OWNER, WH		
SST. TOTAL COST .	EST. ORIGINAL COST (*)	ear your de saw.	THYAGE	BT. TOTAL COST	1570AATSD	E3/Data 780
SST. TOTAL COST .	A CONTRACTOR OF THE PARTY OF THE PARTY OF THE PARTY.	Accessed the Control of the Control	STATE AND ADDRESS OF THE PARTY NAMED IN	BIT. TOTAL COST	dstamotes	EST AMELS
SST. TOTAL CIDET .	\$5,409,289	\$15,000	_00,000	BST. TOTAL COST	GP1AM0723	£3/0mma (80)
PPEPARED SY	A CONTRACTOR OF THE PARTY OF THE PARTY OF THE PARTY.	Accessed the Control of the Control	STATE AND ADDRESS OF THE PARTY NAMED IN	RST. TOTAL COST	ESTONATED 84	
	\$5,409,289	\$15,000	200,000			ESTAMA (BD



EXHIBIT 2

FA	PLANT	ACC+.		PLANT	ACCY	URIT CODE	PUR	DESCRIPTION OF UNIT	A STATE	E CONTRACTOR OF	Effertuits No.
LOCATION	OR CIV. DIV. NO.	w o	LOCATION	OW CIA	- OH	CODE	INET			4	****
Saxton	7-400	316.0	Williamsburg	7-1	3914		70	Chair, metal swivel	C :1952	1.	119
	"	**		- 11	- 41		70	Chair, metal clerical	C 31953	1	558
	"	*	*				62	Tables, folding	La Carta	2	in i
50		**			**		61	Power Piping Machine, Toledo			
								Model 99, Universal 1157 motor	4		
								enclosed type stand less where	L 01201, 9	18	
							70	Chair, metal swivel	C .1 P-1		15 +
**				*			70	Chair, metal main 1	C Pra	1 1 1	109 /
		**					23	Desk, metal double	c light.		1 + 1,
*				**			31	Desk, Steil Typi t	CONT.		* %
*							23	Metal File, S becar	C. I. t.		*96,
- CE				*	**		2;	Metal File, 5 prov r	C R C		28.4
				**			59	Camera, AGFA, 35 NM with fland	S 17-5#5	4	11 7
-	- "				**		66	Slide Master Projector with		1	1 .
								screen, B & H	S QB 34,012		10
	"		*		**		68	Motor Space Heater 6,000 W,			1
								3 Phase, 480 V		9 14	5" 1
	**						69	Vacuum Cleaner B & D HD	S 9796466		Tho 'c
					*		50	Vacuum Cleaner Electric GE		1 .	
								Model 169A6613	C 13592		176 7
PEMARKS							AC	COUNT WORK		3	
						944 0	-	AJOR MINOR ORSER DERIS	1 851-12		.,
						1	+			0	1.3
							L			0	-
PREPARED BY		DAT		LD OFFICE	DATE	1-1				2 2	2
						1				-	
APPROVED BY		DAT	7 8 716	LO OFFICE	DATE	1	-				4-17:0

DISTRICT NO			DISTRICT NO.					and the second s			
LOCATION	PLANT OR CIV DIV HO	ACCT. OR W O	LOCATION	PLANT GR CIV DIV NO	ACCT. OH W O	P R UNIT COUE	PUR Ofr INST	DeSCRIPTION OF HIS	1 48 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Section 1	4,000 cst, +4
Saxton	7-400	316.1	Williameburg	7-1	316.1			Drill Press Stand with 1 - #3			
						11		Jacobs Drill Clauck and 1 dril			
								press vise	G 151-		
	*	59		"				Disc Cutting Machine, Yerrte 8693			
*	"	**		**			30	1 - 20" gate cuttor, 1 - 30"			
	1 15		1 .				30	valve support. Lathe Chuck W. c. ott sphere			121
•					н	1.0	28	Gate Valve Beatting Hachine			7t- ,
								#2-16-C with accessories	c 7174		1,50
		**		*			31	Cate Valve Resetti & Machine			
					1 May 1 1 May 1 Ma			Dexter 30" #2-16-0 with	c 7174		8 1/,
	**	**	-	**	**		28	Globe Valve Resetting Machine			
								#12-T-1 12" with accessories	c 7172	¥ 5	hal i
		10	81	**	**		52	Drill, Radial, Gilbert, Multi-			1
								duty, 3' arm, 9" column, 12 speed, 6 feed, complete		40.00	
								w/5 H.P. motor	S 5730	1	7 318
PEMARKS							ACC	OUNT WORK	1	-	
8)						sex C	-	AZOR MINOR ORDER DERIT	CREDIT	1	1.
										CAIG	
PREPARED BY		DA	7 8 716	LO OFFICE	DATE		-			SONAL	7
APPROVED BY		D/	78 P. M. VIE	LD OFFICE	DATE		+-				5

Sarton Or con O	Anna Carrier	Fair market	THE RESERVE AND THE PARTY OF TH	YEAR		ALCO ALLE)	DISTRICT NO.		ом	DISTRICT NO
## ## ## ## ## ## ## ## ## ## ## ## ##	TOTAL BASIS		OLSCRIPTION OF THE	E OH		6344	OR CIV	LOCATION	OR	OR CIV.	
Chisela Wrench, I-R, Size #538, Reversible Spray, Putside dragoo Hydradic Filts with bone Hydradic Filts with bone Model RESt #6, 1 ton capacit St know Model RESt #6, 1 ton capacit St know Single dram with St of 3/6" wire rope and account Wrench, I-R, Size #538, Reversible Spray, Putside dragoo Hydradic Filts with bone Single dram with St of 3/6" wire rope and account Wire rope and account Hoist, 3/h ton consulong Sid5f(1) No. 1	169	: Shhip	Electric Drill, Thoronga #14	40		316.1	7-1	Williamsburg	316.1	7-400	Saxton
## ## ## ## ## ## ## ## ## ## ## ## ##			Scaler, I-H, Size 18 with 14"	45		**	**	*	**		
	1 hi		Chisela		11						
			Wrench, I-R, Size #508,			**	"	*		**	
	502 40		Reversible								
			Spray, Outside drayco				*		**	- 61	#
Model HE61 sho, 1 ton empacity 3 1 hands Single drum with 2 3 1 mm/s wire rope and account wire rope and account	6,11.5	14 1 5 A	Hydrodic Filter with home								
# # # # # # # # # # # # # # # # # # #			Air Baist, Gen. Baver	GI,			111		**		
# # # # # # # # # # # # # # # # # # #		.; I husto	Model HE61 Mp. 1 ton empacit,								
# # # # # # # # # # # # # # # # # # #			Single dom with . " . " . " 3/1"			**	**	**			
# # # # # # # # # # # # # # # # # # #	1.11		wire rope and according			1.4					
# # # # # 70 Hoist, 3/4 ton with 5 foot lift # # # 70 Hoist, 1 ton with 8 foot lift S 4917T # # # # 69 hoist, high-speed 2 ton S M8927K # # # # # # Ramset and Pump, 29 ton S EE2137	7.	1,0,165120	3/1 ton CM	66		*	- 10	*			
	1.1	5 105/13	Fuller 3/4 ton consulong	66		**	nt .		16	-	
H H H H H H H H H H H H H H H H H H H		5	Hoist, 3/4 ton with 5 foot	70		**	**	**	**		
H H H H G9 Hoist, high-speed 2 ton S M8927K H H H H Ramset and Pump, 20 ton S EE2137 ACCOUNT WORK OFFIT CHAINT	1 26 6		lift								
H H H H RAMSet and Pump, 20 ton SEE2137	1/41	S 4917T	Hoist, 1 ton with 8 foot lift	70			**	*	**		
H H H H Ramset and Pump, 29 ton S EE2137	2 19	S M8927K	hoist, high-speed 2 ton	69		26			-19		
ACCOUNT WORK DEBIT CHILLIE	136 2	S BE2137				**			10		
ACCOUNT WORK DEBIT CHILLIE											
ACCOUNT WORK DEBIT CHILLIE		f i		L							
ORDER OFFIT CHILD			COUNT	AC							
	1	CMETHE		G N	Det						10
	0 7			-	1-						9
	() H-										
PREPARED BY DATE P & PIELD OFFICE DATE	S 3			1	-	DAYE	ELD OFFICE		DA.		PREPARED B/
	- 5			1		Date			_		
APPROVED BY DATE FALD OFFICE					1-		C. D. OFFICE		D.*		APPROVED BY

FR:	OM		DISTRICT NO.		a Lordania	Ile n	VEAR	STATE TAX AT LABOUR TO STATE OF THE STATE OF		
LOCATION	PLANT OR CIV. DIV. NO.	ACCT. OR W. O.	LOCATION	DIV NO	AECT. OR W D	UNI F CUES	PUB OR IMST		1466 (s)	AND A
Sarton	7-400	316.1	Williamsburg	7-1	316.1		50	Scale, Platform, Portable		
								Fnirbanks Morris Company		
						Section 2		1,000 lb. capacity 17 Com.		
		**					50	Lifting clamp Valg. Merrill		
								Brothers, 1 ton capacity for		
								1/h to 3/h plate		
**	- 1			21			66	Inhalator, Scott Air Pack with		
								Pack Alarm and Cylinder and		
								valve S 11 KA		37
	-	- 11	*	**	**		64	IC* Forboro Teaper ture		
								Secorder, Range o - 150° F . S 115 db. c		
	- 11	**		"	46		64	" " 5,1157h;2h		065 5
	-	**	* -	*	**		64	Megger Insulation Tester S 1552165		1,0€ }
	-	**		11	116		66	Meter, Portable Vibration with		
								Stand S 41571847		151 2
	- 11			*	*		63	VOM Tester, Allegheny Electric	11	
								Company, Model 270 with case		6
	"			10	*		61	Grinder Ingersol Rund with	1 1	
								multi vein S 206744		224 /
				*			26	Screwjack, 25 ton		90 0
								SUMMARY OUNT WORK	1	
EMARKS						98 Q.	-	LOS MINOR ORDER DERT CREDET		.,
							-		0	10
									RIGIN	4
DEPARED BY		DAY	P. N. PIELO	OFFICE	DATE	-	-		Z	5
News and a second	-	ales and a second	75-47-11						1	
PPROVED BY		DATE	r a risko	DEFICE	DATE	-	-		i	

DISTRICT NO			DISTRICT NO						100	1		
LOCATION	PLANT OR CIV SIV. NO	ACCT. OR W O	LOCATION	PLANT UR CIV.	ACCT OH W O	COUR COUR	PUH OH MOST	DESCRIPTION AN	1001			1,000 07 07 0 0 . 8
Saxton	7-400	316.1	Williamsburg	7-1	316,1		59 Air	grinder, Ingerso	ll Rand			
							nod	el 3660		5 76 JI j	1 .	359 1
Saxton	7-400	316.1	Williameburg	7-1	316.1		59 Sup	er chest, J. H.	Williams Co	•		
							No.	1001, 2 draw r,	metal com-			
						-	ple	te with 44 sock.	La, 32			
							ptt	achments and A	urenches	C 17th	1	li i
Sarton	7-40	316.	Williamsburg	7-1	316,1		59 Ca:	ket cutting much	inc, Allen			
							flod	el B		C 19.	.1	10 1 %
Saxton	7-400	316.1	liamsburg	7-1	316.1		64 Gab	re saw with kit.	F & 0	5 10 481 ;	. 1.	111. (*)
Saxton	7-400	316.1	Williamaburg	7-1	316.1		64 Saw	, heavy duty b &	t)	3 Thiber	150	11:71
Saxton	7-400	316,1	Williamsburg	7-1_	316,1		64 Gri	nder, B & D heav	y-duty	5.033 412	4 8	12 2
Saxton	7-400	316.1	Williamsburg	7-1	316.1	<u> </u>	58 Wat	er Later, Lawson	n Electric		L	
							_ 60	allon Model 6HB		1	1	29 16
Saxton	7-400	316.1	Williamsburg	7-1	316.1	-	63 Boa	t - Alum Sea Sca	mp 11°0°	5 6217323	T ;	210 15
Saxton	7-400	316,1	Williamaburg	7-1	316.1	1	25 Dri	ll cabinet steel	, 60° x 24°			
						1_	_ k 1	3" deep, 6 slopi	ng shelves	C 7191	1 ;	42 52
Saxton	7-400	316.1	Williamsburg	7-1	316.1	1	36 Neg	gar, Everahed 10	V00	\$ 137192	1	21 6
Saxton	7-400	316.1	Williamsburg	7-1	316,1	1	56 Ama	eter type AX ton	g test with		i.	1 1
			*			<u></u>	2 m	eters and carryi	ng case	\$ 186790	1	102 50
						-		SUMM	ARY		!	1 1
物理MA教育							ACCOUN	0006.0	DEBIT	CMEDIT	1	
10						- Q	MAJOR	UEHOR:			-	4.
											ORIGINAL	-4
						+	-				Z	211
PREFAMED BY			ATE P. R. P.	LD OFFICE	STAG	H					1	C7
APTROVED BY		0	ATE P. 0. /1	SLD OFFICE	DATE	1-1-		-			1	0
											1	

FR	OM		TO	>		1	TYXAR		
LOCATION	PLANT OR CIV. Ors. NO	OR W O	EOCATION	PLANT OR CIV DIV NO	ACCT. OR W G	1-HU 3-00-2	PUR OR INST	DESCRIPTION OF TOUR ST. SE. SE. SE. SE. SE. SE. SE. SE. SE. SE	4,000 to 10
larton	7-400	316.1	Williamsburg	7-1	316.1		63	Hydrogen Ion metal Beckman	
		4						Zeromatic #9600 line operated	
								D-14 scale, pushbutton 5-250733 1	25
		**	*	-	**		63	Mectromode Heater, Model AN- A,	
				-				10 KV, 240 V, 14 S AH-0202 J 1	17
**	- 4	28		*			63	Electromode Hester, Madel AN- 41,	
								30 KW, 210 V, 19 : 4.1-120:17 1	1.
		**					63	Electromole Bester, Holel Type	
	1						The same of	8513-2, 10 KW, IJ,0 v 1: 07/14/1-1 1	Hz.
				**	**		11	Electromode Heater, Type 8513-7,	
								ho kw. tho v	113
	11						1	electromode Thermostats, 200 -	
₹ 50.	20000	200						900	13
	-						63	D.5 KVA Transformer, Type EP,	
August 1		Î						#323B, 70/A22, 480/220/120/240V	. 11
		**	*				72	Fractor, Int'l. Cub Cadet,	
								Model 149, 14 H.P., w/42" movez 2500474	
	H							442" snow blade S 413575 1	1719
			1						
	_	*			1		-	SUMMARY COUNT WORK	
S SHARKS						PME C	-	IAJOR MINOR ORDER DEBIT CNICUT	.,
٧						1+	+) 10
						11			
MOEPARED DY		D.A.		LD OFFICE	DATE	1	-		1.0
							-		***
APPROVED BY		DA	7 4 715	LD OFFICE	DATE				

St. Marris 1

DISTRICT NO	ом		10	Charles and the second second		P. D. UNIT	TEAR	The second secon	Las en seus		1-1800 TRNS
LOCATION	PLANT OR CIV DIV. NO	ACCT. QR W 0	LOCATION	OR CIV	OR W O	CODE	CHE I	DESCRIPTION OF MILE	Post man summer	400.00	A. FAR A
Sarton	7-400	316.1	Williamsburg	7-1	316.1		68	Water heater 6 gallon	S 75068	40	1 12
		ex	*				61	Electric heater, Chromalox			1.1
								2000 Watt Motor CHF		2	2.9
m		м	•				72	Water Cooler, 3 Standard_	S M4-024, 192		- 1
						-					1 - 1
											- 1
	1 1	#43							6 1		
	1 1										
	- -										
	1										
										1	
										- 1	
										- [1
	1_1							SUMMARY	.111	1	1_ '
PEHAGES								OUNT WORK DANT	CREUTE		
5						967 CL	-	LIGA MINOR		10	1.5
							-			I G	-
		DAT	. Ilean	LG OFFICE	DATE	1				ORIGINAL	1478116
PREPARED BY							-			1-	=
APPROVED BY		pat		LD OFFICE	GATE		_			1	

WARK DEDE

TITLE OF ORDER RETTREES	****	DEDEN	6	28 ATTR	ONCE NO 99-143
GENERATION CONTRACT		SAXTON	STA. JUN		. f. E. NO
ASSICHED BY THE W. CURRED	ASSIGNED TO			14Q	ASSERTE 12/6/74

DESCRIPTION, LOCATION, AND DETAILS OF WORK

Application for dismantling, removing and retiring #2, 3, 4, 5, 6, 7 & 8 Taylor boilers and #2, 3 & 4 turbines at the Saxton Station, together with all associated fans, pumps, piping, ductwork, coal bunkers, condensers and other auxiliaries. Retirement has been approved by Pennsylvania Public Utility Commission for December 31, 1974.

The above units and related equipment are being retired because of the size and age of the units and the extenditures required to upgrade the operating equipment and the additional required expenditures necessary to meet Federal and State regulations for air, water and industrial waste treatment.

It was originally planned to secure the building after all salvageable and re-usuable equipment had been removed. The decision to destroy the building and remove all debris from the site and level the site was dependent on the cost of removal and if funds were available. Bids have been received and a credit of \$100,000 can be received.

Credit Received - (\$100,000)
Cost Incurred - 15,000

Net Realized from Sale - (\$35,000)

The existing electrical substation, brick storeroom building, gasoline pumps, and the L stall brick garage building will remain on the property and be transferred to the following:

If the land and building are held, the annual tax to Pa. Public Utility Realty Tax will be: Land - \$985.82; Structures (Station only) - \$25,815.23; Storeroom and 4 Stall Garage are with land.

Items have been transferred to other Penelec Departments on a property transfer report prepared by the Engineering Department. After approval, work is slated to start January 2, 1975; however, the control area of the building will remain in service until June, 1975, due to transformer delivery

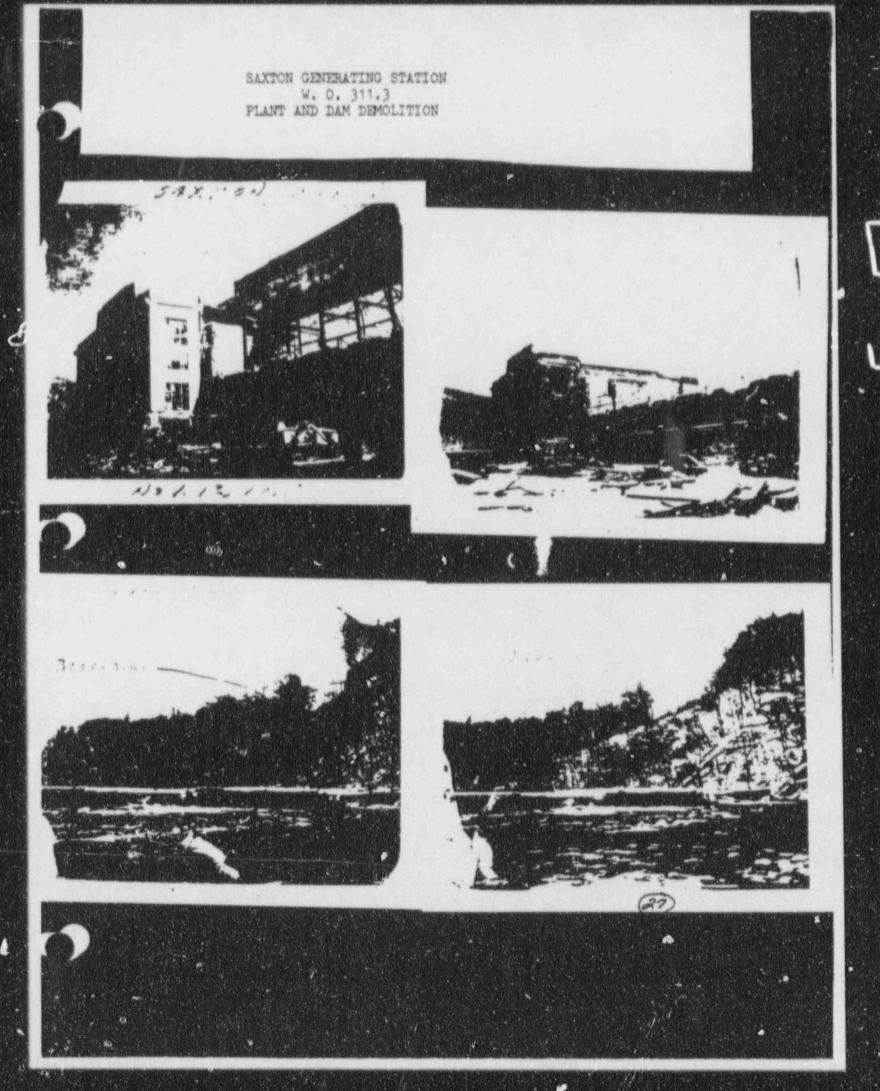
		WAS WORK PERC	SAMED AN ACCORDANCE	WITH THE OPPORT	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	AND DESCRIPTION OF THE PARTY.
MARK! BHARKE	TES	COMS	TRUCTION TES	_ HO	PETUMENEUTT THE	1 140
		HUCKET CHANGES ON A	CCOMPANTING IN DA	MATERIAL AND/OF SKETCH	The second secon	T - Street Street Street
PENANCE BY COM	plete demoli:	ion of the b	suilding. Per	caleo can be r	elieved of th	7.6
liability of	the abandons	1		te from sale o	f old pared and	w.H.
and be spare	the \$25.000	h-Missorith shottle Co. Blade and Agree of	ch year.	and the state of t	E THE ROLL DE	MIL.
Marie Marie Marie Marie Marie Marie	Marine Marine and Marine and Assessment and	1.11	1/11/11	SiGNAU	XX	
THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, TH		THE RESERVE AS THE PARTY OF THE	i marina di manda mada mana mana di santa di sa I	MARKATURA TO THE PARTY.	^ ^	-
Annual Company of the Annual Company	and with the same and the same	#17:26m6m1	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IN COLUMN	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN	-	
HEW COMETELICITOR		K1 - EBMENT		MARKET CHARGE	GROSS REVENUE	OPER SAVEGO
CHICAGO CONTRACTOR CON	EST. ORGANAL COST IT	131 COST OF PER	EST. SALVAGE	BST. TOTAL COST	ESTEMATED	OPER SAVING
CHICAGO INTO THE PROPERTY OF THE PERSON OF T	\$5,409,289	THE RESIDENCE OF THE PERSON NAMED IN	\$100,000	THE PERSON NAMED IN COLUMN 2 I	APPRICATE TO SERVICE THE PROPERTY OF STREET	DESCRIPTION OF REAL PROPERTY.
	BY NOTES, par a supplemental and the supplemental and sup	151 COST OF PEM	de restrementations and design	THE PERSON NAMED IN COLUMN 2 I	APPRICATE TO SERVICE THE PROPERTY OF STREET	CONTRACTOR OF THE PERSON.
	BY NOTES, par a supplemental and the supplemental and sup	151 COST OF PEM	de restrementations and design	THE PERSON NAMED IN COLUMN 2 I	APPRICATE TO SERVICE THE PROPERTY OF STREET	Li Data PED
ST. TOTAL COST .	\$5,409,289	\$15,000	\$100,000	BT. TOTAL COST	ESTIMATED	DESCRIPTION OF THE PERSON

13

(30)

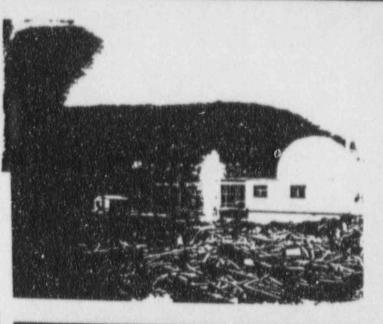
EXHIBIT 3

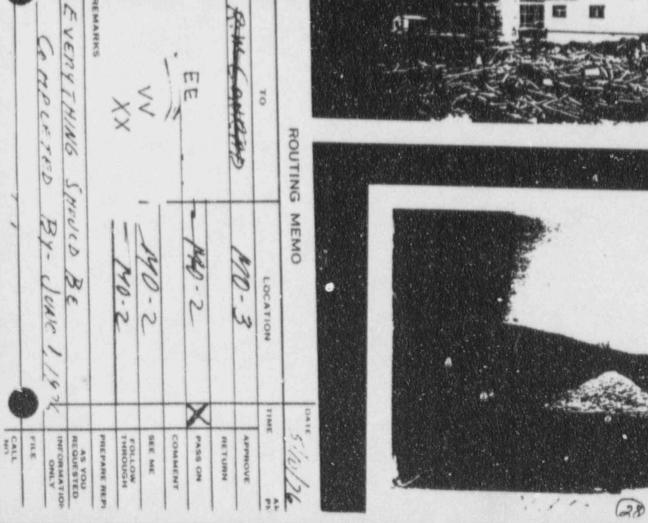
151





REMARKS





PENNSYLVANIA ELECTRIC COMPAN

INTER-OFFICE MEMORANDUM

11/15/74

OAM July : 1974

R.W. Com

2

susset Saxton Station Retirement

10 T

10-4

Com you bring me of (7)

of equipment and property on retirement of the Saxton Station.

- other power stations for their first selection on equipment they desire to transfer to their stations. A property transfer report will be made out for any equipment transferred to another station. The turbines, generators, motors and other solve seable and reusable occurrent will be offered for sale to brokers dealing in second-hand equipment.
- 3. The remainder of the material and equipment in the station will be sold to scrap dealers for the highest bid and on the basis of removing the equipment and material from the station.
- At this time it is considered desirable to raze the main power station building to append level and removing or busying the debmis. Whether this will be done will get no do the following the debmis moving the debmis and availability of funds. To eliminate the attractive nuisance presented by the empty building, it is the intent to demolish and remove it to ground level when funds are available.
- as will the brick gavage building and the storeroom building. It is expected that the Operating District Service Department will use these buildings as they are now using a quenset but building which was erected during the installation of the nuclear reactor.
 - as a fi ture generating station site for at loast the next ten (10) years.

The Saxton nuclear experimental site is now closed and abandoned but it is understood the property and buildings are being retained in the SNEC corporate entity. It is understood that this status for the SNEC property will continue for at least the next 10-20 years.

A retirement Work Order will be initiated for removal, salvage and retirement of all the equipment from the station and as money is available, for the demolition of the power station building.

static on or about Processer 31, 197h. World Order charges related to the retirement of the station will continue until late in 1975.

P. W. CONTULD

mak

001

ZZ

T. L. Carroll, Jr.

EE

W. H. Jenkins

AAA

WU

VV

PENNSYLVANIA ELECTRIC COMPANY

INTER-OFFICE MEMORANDUM

DATE November 20, 1974

sugger Saxton Station Retirement

to MR. UU MO-4

m.o 75	1. 45
Namo	Date
1	1/2/
FF	10/20/44
ALLEGA STATES OF THE	-

This is a reply to your pencil notation dated November 15, 1974, on the current status of the seven (7) Items on the subject retirement listed in my memo dated July 17, 1974.

- 1. The station inventory has been circulated to all power stations and equipment that each of the stations requested on retirement has been marked and will be transferred to the respective station at the completion of retirement after December 31, 1974. Property Record Transfers will be prepared for equipment transferred to other stations. The inventory was also circulated to Metropolitan Fdison Company and Jersey Central Power and Light. Met-Ed requested some equipment which will be transferred to them at the retirement date.
- 2. An inventory of the equipment and materials available for salvage or scrap was sent by the Engineering Department, together with specifications on demolition and removal instructions, to eleven (11) interested bidders. The bidders met at the site with the Manager-Generating Station, Station Superintendent, Project Engineer, and Stores Superintendent to review the equipment and materials and the specifications. The proposals are due from the bidders on December 1, 1974. The bidders are sufficiently sophisticated to explore any possibility of reselling the turbines, generators, motors, transformers, and any other possible resalable equipment.
- The remainder of the material is included in the inventory and specifications mentioned under Item 2.
- 4. The specifications sent to the bidders was in two (2) parts. The base proposal requested a quotation on the removal of all the salvageable equipment and materials with a dollar offer or cost by the contractor for this work. An alternate bid is for removal of all the equipment and material and demolition of the building to ground elevation 811 feet and leveling same. A number of contractors stated it would be more desirable and less

MR.

costly to demolish the building, to remove the equipment, and to salvage all of the material. They are to submit a dollar value or a cost for this alternate proposal. An evaluation of these proposals will be prepared and submitted to you for your comment and approval.

- 5. The existing electrical substation will stay on the property. The Electrical Engineering Department is now in the process of installing a nay transformer, circuit breakers, bus duct, and control house to eliminate the 2300 V station bus. It was hoped that this work could be completed prior to the retirement date of December 31, 1974. I am advised that delivery of materials and equipment will not make this possible, and the substation work will not be completed until June. 1975. This will require retaining the 2300 V bus for area electrical service until the substation modifications are completed. It is understood that the maintenance and transfer of the 2300 V bus will be the responsibility of the Eastern Division Operations Department after the close and retirement of the station on December 31. 1974. The contractors are stating that it will require approximately nine (9) months to remove the materials and equipment. The contractor could start work in January and not do any work on removing the 2300 V bus until the substation is completed. The garage and storeroom building and the gasoline pump and storage tank are being transferred to the Eastern Division Operating Department.
- 6. Currently I understand the property is to be retained as a future generating site at the recommendation of the GPU planning group. Reportedly, E. L. Peterson, Jr., has had inquiries from private parties on using the power station building for manufacturing facilities. I do not know the status of this inquiry or the conditions of occupancy.
- 7. In last talking to Clayton Montgomery, it was understood that the corporate entity of SNEC property could continue for at least the next ten to twenty years because of the radioactivity and monitoring of same.

There is some equipment in the Saxton Station which is the property of SNEC. This equipment consists of a demineralizer, pumps, tanks, and other equipment. The contractors have been saked to provide a bid for the salvage value of this equipment. Since SNEC was a non-profit organization, the contractor's value of the SNEC equipment in the Saxton Station will be donated to Saxton Borough. The equipment will them have the status of purchase from the Borough, and this equipment will be salvaged or transferred to one of the other Peneleo stations.

At the present time, all work and operations are on schedule for retirement on December 31, 1974.

Your copy of my memo dated July 17, 1974. is attached.

R. W. COMRAD

om# Attachment

boot

886
ZZ
YY
T. L. Carroll
EE
W. H. Jenkins
CCC
AAA
DDD
EEE
GG
XX

FFF

FF

EXHIBIT 5

Name of Respondent	This Report Is:	Date of Report	Year of Report
	(1) C An Original	(Mo. Da. Yr)	
A real of the section	(2) C A Resubmission		Dec. 31, 19
NAME AND ADDRESS OF THE OWNER, WHEN PERSON O	CORRUPTION SHOULD CONTRACTOR	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER. THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	THE RESERVE OF THE PARTY OF THE

CORPORATIONS CONTROLLED BY RESPONDENT

- Report below the names of all corporations, business trusts, and similar organizations, controlled directly or indirectly by respondent at any time during the year. If control ceased prior to end of year, give particulars (details) in a footnote:
- If control was by other means than a direct holding of voting rights, state in a footnote the manner in which control was held, naming any intermediaries involved.
- If control was held jointly with one or more other interests, state the fact in a footnote and name the other interests.
- 4. If the above required information is available from the SEC 10-K Peport Form filing, a specific reference to the report form (i.e. year and company title) may be listed in column (a) provided the fiscal years for both the 10-K report and this report are compatible.

DEFINITIONS

- See the Uniform System of Accounts for a definition of control.
- 2. Direct control is that which is exercised without interposition of an intermediary.
- Indirect control is that which is exercised by the interposition of an exerciser which exercises direct control.
- 4. Joint control is that in which neither interest can effectively control or direct action without the consent

of the other, as where the voting control is equally divided between two holders, or each party holds a veto power over the other. Joint control may exist by mutual agreement or understanding between two or more parties who together have control within the meaning of the definition of control in the Uniform System of Accounts, regardless of the relative voting rights of each party.

Name of Company Controlled (a)	Kind of Business (b)	Percent Voting Stock Owned (c)	Footnote Ref (d)
Mineveh Water Company	Water Service	100	(A)
(A) Transmission and distribution mains were s to Central Pennsylvania Water Supply Compa from the Pennsylvania Public Utility Commit Docket No. A-211290.	No Annenual was manaduad	7,	
he Waverly Electric Light and Power Co.	Electric Distribution	100	(8)
(B) Conducts no operations but leases all its in New York State to Respondent.	e ectric distribution system		
axton Nuclear Experimental Corporation (SNEC)			
which started operation in November, 1962. Fro respondent and each affiliate had a direct part maintenance of the reactor. The steam from the Generating Station of Pennsylvania Electric Com	reactor was utilized by the opens.	Sexton	
meintenance of the reactor. The steam from the	reactor was utilized by the opens.	Sexton	
with a plan approved by the Atomic Energy Comminuclear Regulatory Commission (NRC). The plan January 10, 1974, extending the expiration date to the expiration of the corporate Charter of States.	partially decommissioned in saion (AEC), the predecessor was amended by the AEC, effet of the license to February	of the tive 1, 2000 or	
SNEC to furnish the necessary surveillance and reactor. Such Charter, which would have expire 2, 1974, by a filing with the Commonwealth of Pexistence in perpetuity.	maintenance for the decomments	loned	
ontrol of SMEC is through ownership of common st	ock as follows:		

EXHIBIT 6

101

77

FRUNI

GG G

SUBJECT: Transfer of SNEC Equipment to Penelec

The following items were transferred to Penelec Generation Division in care of J. Shuller. These items were listed on your letter to me dated 4/19/73.

1. LSN Potentiometer, S/N 1599670

2. Decade Boxes, S/N 356 & 374

3. Hand Megger, Biddle

GGG

cc: C. R. Montgomery HH H

* # 1 1 *9

TO: Nesses.

HHH

U. A. Hontgomer;

FROM

G-G-G-

SUBJECT: Transfer of Equipment

The following items were transferred to Pennsylvania Electric Company, Shawville Station, on 6/25/73.

4 54 4 4 4

1 - Millipore filter apparatus

1 - Fisher radiator

1 - L&N conductivity bridge (plus associated cells)

1 - Mettler balance and table

1 - Reagent cabinet

2 - Dessicators

1 - Drying oven

Chem Lab Furniture

Two drawers with double door storage below - 98"

One drawer with single door storage below - about 24"

Two drawers with double door storage below - about 36"

One door storage with room for sink

Two 8 drawer cabinets - about 48"

One stainless counter top - about 48"

One stainless counter top, L shaped, about 4' x 5' with sink on 5' and

One stainless counter top, L shaped, about 4' x 12' with sink in maddle of 12' side

GGG

Nuclear Plant Superintendent

TO: Messrs.

17

HHH

C. R. Montgomery

FROM:

GGG

SUBJECT: Transfer of Equipment

One (1) twelve channel Edison Omniguard Temperature Monitor System was transferred to Mr. D. A. Valker of Penelec Generation Division.

666

Nuclear Plant Superintendent

Saxton, Pa. July 17, 1973

. 88 5

To: Nessrs.

C. R. Montgaters

FROM:

GGG

SUBJECT: Transfer of Julyment

The following it m was transferred to Pennsylvania Electric Company Generation Division on May 15, 1973:

L&N Millivolt Potentiometer

GGG muciear Plant Superintendent

To: Hessra.

C. Montgomery

FROM:

GGG

SUBJECT: Transfer of Equipment

The attached list of items were transferred to Penelec, Seward Station. on July 12, 1973, per your letter of 4/19/73.

GGG

Muclear Plant Superintendent

480 Volt Control Centers

MASTER

Manufacturer - Westingho : Dientric Comporation Service - Pressurious Hone - Operation Control Center Type ALDA-81706-12-78% - 13.1 480 Volt. 30. 50 hz. Indian, metal enclosed Equipment acts. 30. 50 hz. Indian, metal enclosed

- 3 Magnetin Sturters, Westi phouse Size 3 with 450/120 velt centrel power transformers and numiliary nontacts.
- 3 Circuit Browners, Wistinghouse AB De-ion Type MF, 100 amp frame size, Quan. 3 - 70 cmp trip.

Manufacturer - Westinghouse Electric Corporation Service - Motor Control Center No. 1 Type ALDA-81705-11-PHX, Feb., 1961 480 volt, 30, 60 Hz, Indoor, metal enclosed. Equipment attached consists of the following:

- 11 Magnetic Starters, Westinghouse Size 2 with 480/120 volt control power transformers and auxiliary contacts.
- 21 Circuit Breakers, Westinghouse AB De-ion Type F, 100 amp frame size, Quan. 2 - 5 amp trip; Quan. 1 - 10 amp trip; -Quan. 7 - 15 amp trip; Quan. 5 - 25 amp trip; Quan. 3 - 50 amp trip; Quan. 2 - 100 amp trip; Quan. 1 - 225 amp tr p.

Manufacturer - Westinghouse Electric Corporation Service - Motor Control Center No. 2 Type ALIB-81701-11-PHX, Feb., 1961 480 volt, 30, 60 Hz, Indoor, Metal enclosed Equipment attached consists of the following:

Magnetic Starters - Quan. 13 of Westinghouse size 2 with 480/130 wolt control power transformers and auxiliary contacts. Quantity 1 of Westinghouse size 3 with 480/120 volt control power transformers and auxiliary contacts.

20 Circuit Breakers, Westinghouse AB De-ion Type F, 100 amp frans size, Quan. 2 - 5 amp trip; Quan. 1 - 30 amp trip; Quan. 5 - 30 amp trip; Quan. 1 - 70 amp trip; Quan. 3 - 100 amp trip.

480 Volt Control Centers (Cort'c)

Manufacturer - Westinghouse Electric Corporation Service - RWDF Motor Control Center Type ALDA 81706-13-FHX, Feb., 1961 480 volt, 30, 60 Hz, Indoor, metal enthesed. Equipment attached consists of the following:

8 Magnetic Starters, Westinghouse size 2 with 440/120 volt control power transformers and auxiliary contacts.

12 Circuit Breakers, Westinghouse AB-De-ion Type F, 100 amp frame size, Quan. 3 - 3 amp ip; Quan. 1 - 5 amp trip; Quan. 1 - 15 amp trip; Quan. 1 - 20 amp ip; Quan. 4 - 25 amp trip; Quan. 2 - 100 amp trip.

480 Volt Metal Enclosed Switchgear

(mese items)

Manufacturer - Westinghouse Electric Corporation Service - SNEC Station Service 480 Volt Buses #1 and #2 Type - S.O. 23-Y-6128, April, 1961. 480 volt, 30, 60 Hz, Indoor Metal Enclosed. Equipment attached consists of the following:

16 Circuit Breakers, Type DB-25 Air, frame size 600, Int. rating 25,000 amps, Code 1.

3 Circuit Breakers, Type DB-50 air, frame size 1600, Int. rating 50,000 amps, Code D. All circuit breakers have adjustable overcurrent devices, and closing and shunt trip devices for remote closing and opening.

Imstruction Bullecin - I.B. 32-100-1A and Supplement No. 11.B 32-100-1A.

TO: TT

FROM:

666

SUBJECT: Transfer of SNEC Equipment to Penelec

Two chemical laboratory fume hoods were transferred to Conemaugh Station

BBB request.

GGG Nuclear Plant Superin-endent

cc: C. R. Montgomery HHH

(45)

TO: Messrs.

HHH

C. R. Montgomery

FROM: G&G

SUBJECT: Transfer of Equipment

The following items were transferred to Penelec, Seward Station, on 7/2/73:

DC 7 - 30 amp 2 pole breakers

2 - 50 amp 2 pole breakers

3 - 70 amp 2 pole breakers

.3 - 150 amp 2 pole breakers

1 - 300 amp 2 pole breaker

1 - 112.5 KVA 120/208 Transfermer Why.

1 - Size 4 Westinghouse Starter Cabinet with 40 amp breaker

1 - 5 H.P. Motor, 3 phase, 440V 60 Hz, S/N 21N8685

1 - 10 H.P. Motor, 3 phase, 440V 60 Hz, S/N 21N8074

1 - 40 H.P. Motor, 3 phase, 440V 60 1z, S/N 22N7479

666

Naclear Pfant Superintendent

PENNSYLVANIA ELECTRIC COMPANY

Warren Station P.O. Box 126 Warren, Pa. 16365

Ostober 2, 1972

Pennsylvamia Electric Company SMEC Sexton, Pa. 16678

When the following items are released from service, I request the following items:

- 1. Gai-Tronics P.A. System To update the present plant intereom
- 2. (West.) 15 KVA Trans. 36, 60 Hs, H.V. 480, L.V. 208/120
- 3. 4 0-600 VAC Voltmeters, Type KA-2k1, E.S. 150 Velte

III

FP3180

Not transferred yet

TO:

HHH R. Novi no de ov

FROME

GGG

SUBJECT: Transfer of Equipment

The following items were transferred to Pennsylvania Electric Company, Constaugh Station, on 6/25/73:

> 1 - Aurora Pump, Boric Acid Booster Pump, 55 gpm at 50 ft. head, 3500 rpm, S/N 71-40755

1 - (W) Life Line Boric Acid Pump, 30 gpm at 60 ft. head, 3500 rpm, 2 H.P., Model AsDP

1961

GGG

Nuclear Plant Superintendent

PENNSYLVANIA ELECTRIC COMPANY

INTER-OFFICE MEMORANDUM

SUBJECT Property Transf ir.

DATE July 31, 1973

Johnstown, Pa.

At the time that Westinghouse Corp. phased out their work at the Saxton Nuclear Facility they transferred to Pennsylvania Electric Co., two (2) air compressors and one (1) air dryer at no charge to Penalec.

This equipment bears the following nameplate data and is located in Penelso generating stations as noted:

DEEP CREEK STATION

l Gardner Denver Vertical Air Compressor Model No. 60890-1011, Serial No. 479880 driven by Westinghouse 5 H.P., 220/440 volt motor, Model ABFC, Serial No. 4748860039.

The above compressor and motor mounted as a unit on an air tank manufactured by John Wood Co., Conshohocken, Pa. Tank stamped with National Board No. 289709-1964.

l air Dryer - Pall Trinity Micro Corp., Cortland, N.Y., Trinity E.A. Dryer, Model No. 51Hal, Serial No. 20979.

WILLIAMSBURG STATION

l Worthington Air Compressor - Mfd. by Worthington Corp., Holyoke, Mass., Serial No. BA-O45T, Model No. 20 x T-2, driven by Westingnouse Life Line Motor, Model ABDP, Serial No. 4748850G09-6502.

GG

dent

EXHIBIT 7

SAXION NUCLEAR EXPERIMENTAL CORPORATION

GENERAL PUBLIC UTILITIES SYSTEM

JENSEY CENTRAL POWER & LIGHT COMPANY

NEW JENSEY POWER & LIGHT COMPANY

PENNETUYANIA ELECTRIC COMPANY

METROPOLITAN EDISON COMPANY

P. O. Sox 542, Reading, Pa. 19603

BX EX BXX XEXENBESCON XXX XXX

Cherry Hill Rd., Parsippany, N.J. 07860

Telephone: Area 215 - 929-3601

ASSECTABLE PROCES

201-334-7888

TO:

TT

FILE:

SNEC-35

FROM:

DATE:

Mr. C. R. Montgomery

SUBJECT:

Assignment of SNEC-Owned

Property to the Borough

December 18, 1974

of Saxton

In accordance with our telephone conversation, I am enclosing three copies of Agreement between SNEC and the Borough of Saxton which transfers ownership of certain tangible personal property and removable equipment from SNEC to the Borough.

Attached to the Agreement is a schedule of SNEC property and equipment assigned to the Borough. Items I through 36 on the schedule are to be removed from the site in connection with the retirement of the Saxton Steam Generating Station. Items 37 through so on the schedule are being assigned to the Borough even though they were transferred to Penelec during the decommissioning of Saxton. Since Penelec and SNEC never established a purchase price for the equipment, Penelec should now establish a fair price and negotiate directly with the Borough for its purchase.

I have also attached copies of several letters from Mr. GGG to you covering the transfer of equipment from SNEC to Penelec. These letters were the basis for identifying Items 37 through 84 listed on the schedule.

If you have questions on this matter, please let me know.

C.R.M. Mitags

CRM:bav Enclosures

Copy to Mr. EE

=>

1 3SIGNMENT

ASSIGNMENT, dated this S day of December, 1974, made and entered into by SAXTON NUCLEAR EXPERIMENTAL CORPORATION, a corporation organized and existing under the laws of the Commonwealth of Pennsylvania (herein "SNEC"), and the BOROUGH OF SAXTON, a public entity existing under the laws of the Commonwealth of Pennsylvania (herein "the Borough").

WHEREAS, SNEC is in the process of winding up its affairs and disposing of its assets; and

WHEREAS, the Borough and its people have been supportive of the nuclear experimental activities of SNEC; and

WIENEAS, SNEC is desirous of recognizing such support by contributing to the Borough such of its assets and the values realizable therefrom as are transferable to the Borough;

NOW, THEREFORE, SNEC hereby gives, assigns, grants, conveys and transfers to the Borough, its successors and assigns forever, all the tangible personal property and removable equipment owned by SNEC listed on the attached schedule and all tangible property and removable equipment owned by SNEC which is

not listed on such schedule but is presently owned by SNEC, identified with stripes or other markings of orange colored paint, and contained in structures (herein "the Premises") whed either by Pennsylvania Electric Company or SNEC and located in or near the former Saxton Generating Station; provided, however, that the Borough shall be deemed not to have accepted (and this gift shall be deemed inoperative with respect to) any property which is the subject hereof and which shall not have been removed from the Premises on or before June 1, 1975.

As a condition of this gift, the Borough agrees that, without regard to the cause of any failure to remove any of the property from the Premises by June 1, 1975, SNEC may, at any time after such date, remove and dispose of any items of the transferred property then remaining on the said premises without any liability whatsoever with respect to the value thereof or otherwise, either to the Borough or any third parties which may have acquired the same from the Borough.

The Borough shall incur no liability on account of, and SNEC will indemnify the Borough on account of, any rent or other occupancy charges with respect to any period of time up to June 1, 1975 during which any transferred property shall remain on the Premises.

SNEC sha. make no claim against th. Borough on account of any damages to the Premises caused by Employees of the Borough in connection with the removal of any property transferred hereby; provided, however, that such undertaking shall not limit SNEC's rights against any assignees or transferees of the Borough or their agents on account of any damages to the Premises by them.

The Borough agrees that, at any time prior to disposition of any transferred property, SNEC may, at its expense, have the same appraised, and further agrees that, in the event that SNEC shall request the same, the Borough will make available to SNE_ full information with respect to the properties retained by the Borough and the amount of any proceeds realized by it from any disposition of the transferred property.

IN WITNESS WHEREOF, SNEC has caused this Assignment to be signed in its name and behalf by its President and its corporate seal to be affixed, and the Borough has caused this Assignment to be signed in its name and behalf by the President of its Borough Council, as of the day and year first above written.

Attest:

Secretary

SAXTON NUCLEAR EXPERIMENTAL CORPORATION

C. R. Montgomery, President

BORJUGH OF SAXTON

George Moyle

President of the Borough

Council

and Equipment Assigned to Borough or Saxton

(Diways .

- 2. 2 Worthington steam driven boiler feed pumps and associated controls
- 2. 1 Water demineralizer system
 - 1 Saline conductioning pump and tank
- 3. 1 Oxygen acavenging pump and tank
- 4. 1 Neutralizing alkalai pump and tank
- 5. 1 De-superheater tank
- 6. 'l Deserator, 10,000 gallon capacity with associated valves and controls
- 7. 1 Condensate storage tank, 5,000 gallon capacity
- 8. 1 Steam generator blowdown tank
- 9. 1 Pennsylvania air compressor, receiver, and controls

nsformer)

- 10. 1 750 KVA, 2300/480 volt, oil insulated, air-cooled transformer with 480 volt breakers, Westinghouse Interteen Power Center
- 11. 1 lot Miscellaneous piping, valves, controls, and instrumenta-
- 12- 1 1,000 KVA, 13,800/460 volt, oil insulated, air-cooled | Alice Li
- 14. 1 Inverter-Diverter set, and notor-generator battery charger set with associated control panel
- 15. 2 Scram breakers plus 3-phase rod drive motor
- 16. 2 Small exhaust fan motors
- 17. 1 GAI TRONICS communications system consisting of phones, speakers, and associated equipment
- 3. 3 Honeywell recorders on Panel D in control room

19.	6 - Instrument air regulators (0-20 psi) in control room
20.	2 - Auxiliary relays, 2 - Block switches, and 2 - Pump control switches located on console in control room
21,	1 - Electrical demand meter, behind Panel A in control room 100/500
22. 23. 29.	1 - Steam prossure gage, 1 - Feedwater pressure gage, 1 - Instrument air pressure gage on Panel C in control room
25:	1 - MWe meter on Panel D in control room
26.	l lot - Assorted Foxboro proportional, on-off, and alarm con- trollers on and behind Panels C, E, and 7 in control room
2.7.,	1 - Caustic pump and motor Master Gearmoter, 115/230 volt, 1/2 HP.
28	1 - 1 HP, 440 volt, Westinghouse motor 5,2 3/26
29, .	2 = 440 volt circuit breakers, Westinghouse
30.	1 - Alarm panel, Panalarm
31.	2 - Pressure - vacuum gages, Ashcraft
32.	1 - Air operated valve, Masonelan
33.	1 - Tank bubbler, Meriam
34.	1 - RIC-2 cabinet and components
35.	1 - Totalizing flow meter
36.	l lot - Strip chart recorders and miscellaneous instrumentation
37.	2 - 2-drawer, 2-door cabinets
38.	2 - 8-drawer cabinets 500.
39.	2 - 4-drawer cabinets -50
40.	2 - Sink base units
12.	1 - 1-drawer, 1-door cabinet 105
12.	. 3 - Stainless steel counter tops 3500
13.	
4.	1 = Rescent cobinet

1 - Aurora pump; Serial 071-40755 45 46. 1 - Lifeline pump, Model ADD? 47-7 - 30 amp, 2-pole breakers 48. 2 - 50 amp, 2-pole breakers 49. 3 - 70 amp, 2-pole breakers 94 ----50. . 3 - 150 amp, 2-pole breakers 51. 1 - 300 amp, 2-pole breaker 4247/ 52. 1 - 112.5 XVA transformer 12193=/ 53. 1 - Size 4, starter cabinet with 40 amp breaker 54. 1 - Motor, 5 EP, Serial \$218685 89.00 1859 55. 1 - Motor, 10 HP, Serial 021N8074 1. - Motor, 40 KP, Serial #22N7479 56. 397等 57. 2 - Chemical laboratory fuma hoods 58. 1 - Edison Omniguard temperature monitor system, 12 channels 59. 1 - Millivolt potentioneter, 1 6 N - 4/7 = 1 - Capacitance decade box, Model DKSA 1000 =/500 60. 61. I - 0-300 volca, AC, volcmetar 150=/15 1 - 0-1,000 millivoit meter 2000/100 62: 1 - Resistance Bridge, L & N, Model 4252 300. 150 63. 1 - Megonm Bridge, Type 5443, Ceneral Radio Company 950°=/475 64. 65. 1 - Millivolt Potentionater, 16 % 400 =/ 200 66. 1 - Biddle Megger 1500=/750 67. 2 - Decade boxes, General Radio Company 1000 = 00/5 68.

1 - Flowmeter, Dwyer

1 - Recorder, Varian

69.

- 7. 1 1 llipore filter apparatus
- 71. 1 Radiator, Fisher
- 7.2. 1 Conductivity Bridge, L & N 700. 2/350
- 73. 2 Dessicators
- 74. 1 Drying oven
- 75. 3 Nagnetic starters, Westinghouse, Size 3 /00 ----
- 76. 3 Circuit breakers, Westinghouse, A3 De-Ion, Type HF, 100 Amp /55 --
- 77. 11 Magnetic starters, Westinghouse, Size 2 62 = -
- 78. 21 Circuit breakers, Westinghouse, AB De-Ion, Type 7, 100 Amp
- 79. 14 Magnetic starters, Westinghouse, Size 2 42 ----
- 80. 20 Circuit breakers, Westinghouse, AB De-Ion, Type F, 100 Amp
- 81. 8 Magnetic starters, Westinghouse, Size 2 62
- 82. 12 Circuit breakers, Westinghouse, AB De-Ion, Type 7, 100 Amp /// --
- 83. 116 Circuit breakers, Westinghouse, Type D3-25, Air, Size 600 790-00
- 84. 3 Circuit breakers, Westinghouse, Type D3-50, Air, Size 1600 1930 ==

EXHIBIT 8

59

PENNSTIVANIA ELECTRIC COMPANY

INTER-OFFICE MEMORANDUM

eare May 22, 1975 ormes Johnstown

swarecy Sale of SNEC Equipment

10 MR. TT

Saxton Borough has requested that we deliver to them the \$10,000 as agreed to. The total value of the equipment is estimated to be \$13,500 which includes the minor items that were taken by Peneleo namely:

- 1. Lockers
- Miscellaneous instrumentation (recording meters, flow meters, voit meters and pressure transmitters)
- 3. 1 box stainless steel nuts and bolts
- 4. 2 small demineralizer tanks

Sarton Borough is aware of the fact that these items were taken as per

May I have your permission to proceed.

T. L. CARROLL, JR.

Manager-CPR & Special Projects

TLC: mmy

CA

Penelec 4GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

89-WM-2

INCIDENT NUMBER

SUPPLEMENT INCIDENT REPORT TYPE OF INCIDENT 3. DATE OCCURRED 4 VICTIM Other NAME ILAST, FIRST, MIDDLE) ADDRESS S SUSPECT PHONE LI LEGAL RACE SEX DOB AGE HEIGHT WEIGHT HAIR EYES SOCIAL SECURITY NO ACTION COMPANY IF PENELEC WORK LOCATION POSITION EMPLOYEE NO SUPERVISOR DEFICIAL ACTION EMPLOY LE 6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS On January 11, 1989, Dr. James L. Greco was contacted and a meeting was established between Dr. Greco, Mr. Furmanchik, Jr. and me. Dr. Greco advised that he was notified by Mr. Conrad and became involved in this incident on January 6, 1989. Dr. Greco stated that four samples were removed from the ash wells on the Williamsburg old ash site on January 9, 1989, and forwarded via pony system to Dr. Baker at TMI. Dr. Greco further stated that as of the conclusion of this workday, a walking of the old and new ash sites will be completed by Beverly Good, GPUNC, for the purpose of testing for radioactivity. As of 4:30 p.m., this date, a walking was conducted of the old ash site and only normal levels of background radioactivity was detected. Dr. Greco indicated that he should have the results of the testing of the new ash pile on January 12, 1989. At that time, a supplement report will be submitted with the results of that testing. It was determined that a notification of Pennsylvania's Department of Environmental Resources (DER) will be made following the results of the ash site walk testing and water samples. Dr. Greco indicated that when he receives the results, he will make the notification.

7 C UNFOUNDED C CLEARED	8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN) M EMPLOYEE	NO WORK LOCATION WORK PHON
X NOT CLEARED	Andrew E. Mollura A. M. Marken 9059	EMC-1 8974
DATE TIME PREPARED	10 FOLLOW-UP ACTION BYES THE REVIEWED BY INTERN	IAL AFFAIRS) 12 PAGE
1-11-89 4:00 p.m.	RECOMMENDED D NO	(A)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

Other					
SUSPECT	NAME (LAST, FI	RST, MIDDLE)	ADORESS		PHONE
LEGAL ACTION	RACE	SEX DOB AGE	перам тирізн	HAIR EYES	SOCIAL SECURITY N
COMPANY OFFICIAL ACTION	IF PENELEC	WCAK LOCATION	POSITION	SMPLOYEE NO	SUPERVICE
LARRATIVE-LIST		OFTIONAL INVESTIGATION AND AUDITI	ONAL INFORMATION FROM ABOVE BLOCK	5	
walk-resul will	through and ted with no be forthcom on January 1 it 9:30 a.m. and intervi when this	water lests, that above normal raing to me once Dr. 13, 1989, the follow, Mr nubel contained the contained clayton Montincident is alleged	contacted me and advere conducted at the eadings. Documentation with the conducted at the eadings. Documentation with the eadings of the ead of	ne Williamsburg St ion of the water t results. as conducted. hat he will be mee president of SNEC Mr. Knubel indicat	ting at the
also (Janu Mr.	stated that lary 16, 198	t he will be recont 39), and will notif	acting Mr. Weadock, o y him of the results d water tests conduct	of the NRC, on Mon of the interview	day with
spoke	with Mr.	GG in person CC stated that M he SNEC or Saxton s	0:00 a.m., by telephoron following his initial lr. GG stated the tations buried at the	discussion with at there was no wa Williamsburg ash	Mr. ste site
mater at an an ap purpo recal	proximate s se of train led a disco	six-week period, pr ning Mr. AA a ussion that he had	of that Mr. GG was for to Mr. GG s Station Superintend with Mr. AA aborg. (This interview co	retirement, for t dent. Mr. 66 out waste material	he never
mater at an an ap purpo recal Saxto	proximate specified a discipled a discipled a discipled a discipled and the last specified as question may off assed the new proximate specified as a specified assed to the new proximate specified as a	six-week period, pr ning Mr. AA a ussion that he had ried at Williamsbur m., I recontacted M tioned pertaining t ice. In that state ewspaper article wi	ior to Mr. GG s Station Superintend with Mr. AA abo	retirement, for to dent. Mr. GG but waste material bincluded at 10:15 one, at 10:20 a.m. to he gave on Januicated that when he stated to	he never from a.m.) Mr. ary 6, e hat he
mater at an an ap purpo recal Saxto A B8 1989, discu (Mr. SNEC	proximate specified a discipled a discipled a discipled a discipled and the disciple	six-week period, pring Mr. AA a ussion that he had ried at Williamsburm., I recontacted Mitioned pertaining tice. In that state ewspaper article wifought with GGThis statement confidence.	ior to Mr. GG s Station Superintend with Mr. AA abo g. (This interview co lr. BB via telepho to his statement, whice ment, Mr. BB ind th Mr. AA , Mr. to get the bury licts with the states	retirement, for to dent. Mr. GG out waste material oncluded at 10:15 one, at 10:20 a.m. on he gave on Januicated that when he gave on Januicated that when he gave on Januicated that when he given by Mr.	he never from a.m.) Mr. ary 6, e hat he rom
mater at an an appurpo recal Saxto	proximate specific proximate spe	six-week period, pring Mr. AA a ussion that he had ried at Williamsburm., I recontacted Mitioned pertaining tice. In that state ewspaper article wifought with GGThis statement confidence.	ior to Mr. GG s Station Superintend with Mr. AA abo g. (This interview co lr. BB via telepho o his statement, whice ment, Mr. BB ind th Mr. AA , Mr. to get the bury licts with the states	retirement, for to dent. Mr. GG out waste material concluded at 10:15 one, at 10:20 a.m. on he gave on Januicated that when he gave on Januicated that when he given by Mr.	he riever from a.m.) Mr. ary 6, e hat he rom
mater at an an appurporecal Saxto	proximate specific proximate spe	six-week period, pring Mr. AA a ussion that he had ried at Williamsburm., I recontacted Mitioned pertaining tice. In that state ewspaper article wifought with GGThis statement confidence.	ior to Mr. GG s Station Superintend with Mr. AA abo g. (This interview co lr. BB via telepho o his statement, whice ment, Mr. BB ind th Mr. AA , Mr. to get the bury licts with the states	retirement, for to dent. Mr. GG out waste material concluded at 10:15 one, at 10:20 a.m. on he gave on Januicated that when he stated to ying or material from given by Mr. ENO WORK LOCATION EMC-1	he never from a.m.) Mr. ary 6, e hat he rom

PENNSYLVANIA ELFCTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

INCIL ENT NUMBER 89-WM-2

CONTINUATION REPORT

AA in that he stated that when this incident occurred he was the superintendent at Williamsburg, which followed the retirement of Mr. GG Mr. BB stated that he does remember making that statement to me (on January 6, 1989), but that he thought about it following the interview. Mr. BB indicated that he may have speculated about Mr. AA saying that he fought with Mr. GG to get the burying stopped. He stated that the reason for this speculation was that when Mr. AA said he fought to get the burying stopped, he (Mr BB concluded that it was Mr. GG that Mr. AA fought with, but now he is not sure if Mr. AA said that he AA), in fact, fought with Mr. GG

At 10:30 a.m., Dr. Greco advised me that he contacted Michael Steiner. Manager - Solid Waste, DER Harrisburg Region, and notified him of this incident and the results of the walk-through and laboratory analysis of the water samples. Mr. Steiner requested that Dr. Greco keep him abreast of all information relative to this incident and that DER is not initiating any action, at this time.

At 11:20 a.m., Mr. AA was recontacted by telephone and confirmed of the fact that Mr. GG was not at Williamsburg when this incident occurred. Mr. AA stated that he was offered the job on June 3, 1975, and went to Williamsburg a couple of days following that and was with Mr. GG until July 1. 1975, when Mr. GG retired. Mr. AA again stated that the incident occurred many months following Mr. GG. retirement. Mr. AA went on to say that PP telephone number was a contractor which hauled ash from the station to the ash site where this incident occurred. Mr. AA indicated that Mr. pp could possibly have information, if he remembered about the activity occurring on the ash site. (This interview concluded at 11:45 a.m.)

Refer to Supplement Incident Report 88-C-26, which contains information which Mr. AA supplied pertaining to that investigation.

At 1:30 p.m., I contacted PP via telephone and established a meeting for January 16, 1989, at 10:00 a.m., at the Williamsburg Station.

At 3:00 p.m., I contacted Mr. GG via telephone and established a meeting with him for January 16, 1989, at the GPUNC Public Relations Office, where he is employed in Saxton. Mr. 66 . advised that he will attempt to contact Mr. HH and Mr. II who Mr. recommended to be interviewed during his interview, and also have them present at the fice for the purpose of an interview.

PERSON PREPARING REPORT (PRINT/TYPE & SIGN) Andrew E. Mollura 4

4 REVIEWED BY (INTERNAL AFFAIRS)

PAGE

MS 86 1286

Penelec GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

INCIDENT NUMBER

89-WM-2

SUPPLEMENT INCIDENT REPORT

ther					3. DATE OCCI	INNEU	4 VICTI	ren.	
SUSPECT	NAME (LAST,	FIRST, MIDDLE)				AUDRESS			PHONE
EGAL ACTION	RACE	SEX	DOB	AGE	неіднт	WEIGHT	RIAH	EYES	SOCIAL SECURITY AC
CMPANY OFFICIAL ACTION	IF PENELEC EMPLOYEE		HORK LOC	ATION	PO	SITION	EMPL	OTE NO.	SUPERVISO
D			, the 1	followi	ng invest	igation wa	s conduc	ted.	
to the W I was nothing the I persoused first	e ash sit illiamsbu paid for ng on the ast twent nally con to bury g and then	er contracti e, was in rg General eight ho seventh y years I tracted to arbage in covered	ed by F terview ting St urs a c day. worked the as it. I	Penelec wed at tation day, fo I only d here ash fr sh on t hat was	to haul 10:00 a.m from Apri r six day took two I took no om the st he site y over twe	at the Wilash from t. and stat 1 15. 1942 s a week, weeks vaca vacation ation to tears and ynty years	he Will: ed, "I i to Nove and I we tion in or sick he old ears age ago. I	iamsburg hauled as ember 30, brked for that tim days. I ash site. b. We bu buried a	Station hes at 1978. e. but was I rned it sbestos
gas t here.	of anythi ank and s nothing	ng else e come brush other tha	ver be The	ing bur last t was put	ied in the en years, in the a	s dumped a e ash pile at least, sh. That	that I	than an was work ause the	empty ing in
gas there, are the control in the extre well or an	of anythicank and so nothing cougher. Tacted by the ash, of before buy other of	ng else e come brush other tha No one el Penelec ther than and any crying the	ver be The n ash se hau I don black weight m. I on typ	ing bur last t was put led ash 't reme barrels would never r e mater	en years, in the a here but mher any from the crush the emembered	e ash pile at least, sh. That me during types of t Water Dep m. We alw burying a en AA	that I was become the time that I was become the time that I was clearly thing	than an was work ause the me I was that were . They waned them like corwas here.	empty ing in laws buried were out herete he
know gas t here, are t contr in th extre well or ar never at al or ar saw a	of anythicank and so nothing cougher. Tacted by the ash, of the period of the coupy of the coupy of the coupy of the coupy wind of trinxia.	ng else e some brush other tha No one el Penelec ther than and any trying the constructi ed a thing of digging	ver be. The n ash se hau I don black weight m. I on typ about f a co on the a bac	ing bur last t was put led ash 't reme barrels would never r e maier being ntracto ash si	ied in the en years, in the a here but wher any from the crush the emembered ials. Who concerned in or Pente by a content of the by a content of the second in the second	e ash pile at least, sh. That me during types of b Water Dep m. We alw burving a	that I was become the time arrels cartment ways cleanything bling into or Pene	than an was work ause the me I was that were . They waned them like corwas here, uried in o the ashlec. I r	empty ing in laws buried were nout herete he le ash lisite hever
know gas t here, are t contr in th extre well or ar never at al or ar saw a concl	of anythicank and something cougher. The sected by the ash, of the propertione of the sected by the sected by the sected by other of the sected by the secte	ng else e some brush other than No one el Penelec ther than and any trying the construction of digging truck or 10:30 a.m. the inter Both gent initial s	ver be The n ash se hau I don black weight m. I on typ about f a co on the a bac view w lemen stateme	ing bur last t was put led ash 't reme barrels would never r e maier being ntracto ash si khoe or	ied in the en years, in the a here but wher any from the crush the emembered ials. Who concerned it by a contracks of tracks of the by a contracks of the by a contrack of the by a c	e ash pile at least, sh. That me during types of b Water Dep m. We alw burying a en AA about any elec. hau ontractor	that I was become the time that I was become the time that I was clear thad I was clear that I was clear that I was clear that I was clear	than an was work ause the me I was that were . They waned them like corwas here, uried in o the ashlec. I r (This in CC AA or the purious was here)	empty ing in laws buried were lout herete he le ash lisite hever hever hever hever hever hever hever
know	of anythicank and something cougher. Cougher. Cougher of the sected by the sected by the sected by other of the sected by other of the sected by the sected	ng else e some brush other tha No one el Penelec ther than n and any rying the constructi ed a thing of digging truck or 10:30 a.m. the inter Roth gent initial s oblem for	ver be The The n ash se hau I don black weight m. I on typ about f a co on the a bac) view w lemen tateme Penele	ing bur last to was put led ash 't reme barrels would never remains being ntracted ash sikhoe or with Mr. indical ent, known common memor remains and the common	ied in the en years, in the a here but wher any from the crush the emembered ials. Who concerned it by a concerned it by	e ash pile at least, sh. That me during types of beater Dep burying a en AA about anyelec, hau ontractor in the ash	that I was bec the time arrels barrels bartment ways cle inything thing int or Pene pile." and Mr. w if Mr. hful, fo	than an was work ause the me I was that were . They waned them like corwas here, uried in o the ashlec. I r (This in CC AA or the purious was here)	empty ing in laws buried were lout herete he leash lisite hever hereiew briefly would rpose of bes have

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NUMBER

89-WM-2

a tendency to hold a grudge, but he thinks that if Mr. wanted to retaliate against Penelec, for whatever reason, he would take the appropriate legal action. Mr. BB stated that the black barrels which Mr. PP referred to in his statement contained caustic soda and were emptied and cleaned prior to burial. Neither individual could add anything further relative to the investigation at this time. At this time, it should be noted that Mr. AA resigned from Penelec on July 11, 1988, as a result of an incident in which he was involved. Mr. AA did indicate, during the two previous interviews, that he was dissatisfied with the investigations and the circumstances surrounding his resignation from Penelec. There is no evidence to support the fact that Mr. AA 'made the statements (pertaining to the burying of articles from SNEC at Williamsburg) falsely and for the purpose of retaliating against Penelec. resignation was not However, it is important to note that Mr. AA voluntary and that he does have negative feelings about Penelec and Mr. Conrad, in particular. At 11:45 a.m., I arrived at the GPUNC Public Relations Office, 801 Main Street, Saxton, Pennsylvania 16678, telephone number 814-635-2545. The foll: ing individuals were contacted and interviewed in the office: , retired Superintendent - Saxton (65-75)/Williamsburg 19-75) Steam Generating Stations,

HH retired Shift Supervisor, Williamsburg Generating Station (74-79), number telephone

, telephone number

II retired Maintenance Supervisor, Williamsburg Generating
Station (74-78),
number

Mr. GG stated that he first heard of this incident from Mr. CC following Mr. CC conversation with Mr. BB Mr. GG indicated that when the Saxton Steam Station was operating, there was nothing radioactive contained within the station. Mr. GG stated that the primary water system for the SNEC Station was incated within the Saxton Steam Station, but no radioactivity was released from the SNEC Station into the Saxton Station. Mr. GG went on to indicate that he remembers the SNEC reactor

	PERSON	PREP	ARING	REPORT	PRINT	TYPER	SIGNA
1	Andre	ew	E.	Mollu	ra	A	E Molan

4 REVIEWED BY (INTERNAL . AIRS)

yen

PAGE

2 OF

MS-86 1286

Penelec ▲GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NU. TER

being deactivated in 1972. Rules were enforced so strictly at the SNEC Station that if a wrench was borrowed by employees in the Saxton Steam Station, it was required to be signed out, washed, and inspected prior to leaving. Upon the wrench's return to SNEC, it was signed in,

Mr. II stated that he was responsible for the maintenance of the ash site and he firmly indicated that if something was transported from SNEC to the Williamsburg ash site and buried, he would have had knowledge.

Mr. HH and Mr. II stated that no contractors worked at the SNEC site in late 1975 or early 1976, which is when this incident allegedly occurred. Neither individual ever saw foreign articles being buried in the Williamsburg ash site nor did they ever hear from Mr. AA about any articles from SNEC being buried in the Williamsburg ash site.

During the conversation, all three individuals indicated that DD DD was the Operations Superintendent at the Williamsburg Generating Station and was an extremely likable individual. They stated that Mr.

DD was not the type of individual to keep information, such as this alleged incident, to himself and not discuss it with anyone. The individuals stated that this type of an incident would have bothered him to the extent that he would have told someone. Mr. DD was a worrier and would not have handled this incident by himself. The individuals stated that the only articles, to their knowledge, that were sent to Williamsburg from the Saxton Steam Station were reusable articles, when the Saxton Steam Station was dismantled. There was no waste concrete, or anything else, from Saxton buried was a fine person at Williamsburg. The individuals indicated that gg to work for and would have never permitted something from SNEC to be buried at Williamsburg. Both Mr. EE and Mr. DD always wanted to do the correct thing, however, Mr. DD did not want to accept a great amount of responsibility. The individuals indicated that Mr. DD would have definitely contacted Mr. HH or Mr. II if he would have had knowledge that articles from SNEC were being buried at Williamsburg. The individuals stated that all low level radioactive waste from SNEC was removed from the SNEC site in black barrels with radioactive signs displayed on the barrels. (The interviews concluded at 12:45 p.m.)

It should be noted that due to time and space restrictions, the previous interviews were conducted with all three present.

3 PERSON PREPARING REPORT IPRINT/TYPE & SIGNA . A	4
Andrew E. Mollura Complete	
	_

A REVIEWED BY INTERNAL AFFAIRS

5

(7)

PAGE

MS-86 12.*

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

2 TYPE OF INCIDENT		Marine Statement			3. DATE DCC	URRED	4 VICTIA	4	TOTAL STREET,
Other									
5 SUSPECT	NAME (LAST	FIRST, MIDDL	E)	-		ADDRESS		-	PHONE
C LEGAL ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC		WORK L	OCATION	PC	smon	EMPLO	YEE NO.	SUPERVISOR
E HARRATIVE-LIST A	The second secon	ADDITIONAL W	VESTIGATION A	AND ADDITIONAL	I INFORMATION FR	OM ABOVE BLOCKS			
****				-			-		
<u>On</u>	January	17, 198	39. the	followir	ng investi	gation was	conduct	ted.	
Mr	. Knubel	contact	ed me a	nd advis	ed that M	r. Weadock	. NRC. W	vas notif	ied of
all in	formatio	n gather	red to d	ate on J	lanuary 16	, 1989. A	ir. Knube	el furthe	r
						Presider			
interv	iew to m	e. Mr.	Knubel	stated t	hat recor	ds reviewe	d by Joi	in Auger	GPUNC
						hat the la			waste
						There are			ne .
						of SNEC ma			
Wiliian	msburg.	All act	civity c	eased at	SNEC dur	ing the ea			
the exc	ception	of quart	erly su	rveys at	the site				
On.	January	19. 198	9. I wi	11 proce	ed to Par	sippany. M	lew Jerse	y for th	ne
						ion with A			
10	cook Koy	alchick	0	of the k	(avalahiah	Camponati	0.0	contrat	d and
a meet	ing was	establis	hed for	January	18. 1989	Corporati	ement re	port wil	1 be
					ne meeting				Dest to 1
At	tached to	o this r	eport i	s the se	econd "Upo	n-Inquiry-	Only" ne	wsreleas	e
prepare	ed by Pa					Departmen			
invest	igation.								
			-						
		-							
2 S (INSO) WASH S	CIEADEA	g 0200	ON DRIVE DAY	BEBOS (A.C.)					
7. D UNFOUNDED D	CLEARED				Musical designal	LAMPLOYEE LAMPLOYEE	NO. W	ORK LOCATION	WORK PHONE
7. D UMPOUMOED DO NOT CLEARED DATE/TIME PREPARE		And	ON PREPARING IEW E. I		Tree & SIGM	JAM19059	NO. W	ORK LOCATION EMC-1	WORK PHONE 8974

INTER-OFFICE MEMORANDUM

CONFIDENTIAL

DATE

January 13, 1989

FROM Paul Abram

TITLE

Media Relations Manager

PHONE 8

SUBJECT

Updated Williamsburg/Saxton Upon-Inquiry-Only Statement

TO

J.G. HERBEIN

Attached for your information and use in case of questions from the media is an updated upon-inquiry-only statement regarding the information about the possibility of Saxton Nuclear Station debris being buried at Williamsburg Station.

The updated statement reflects that nothing unusual has been found by survey instrument readings and water testing at the old ash site at Williamsburg Station and notes that both the Nuclear Regulatory Commission and the state Department of Environmental Resources have been told about the investigation being conducted by Penelec and GPU Nuclear officials.

The statement will be used by Communications Department personnel at Penelec and at GPU Nuclear only if questioned by the media.

PAUL ABRAM

8837C/pta

cc: C.A. BURKETT (with attachment)

R.W. CONRAD (with attachment)

CC (with attachment)
RR (with attachment)

(with attachment)
(with attachment)

R.L. WISE / ith attachment)

enelec 🖊 GPI

Johnstown

LOCATION

Updated upon-inquiry-only statement re possibility of Saxton Nuclear Station debris being buried at ash site at Williamsburg Generating Station:

No unusual findings have resulted from an investigation into information that some debris from the mid-1970's dismantling activities at the old Saxton Nuclear Station in Bedford County was buried at the Williamsburg Generating Station in Blair County.

Officials of Penelec and GPU Nuclear Corporation are conducting the investigation. The Nuclear Regulatory Commission and the Pennsylvania Department of Environmental Resources have been informed of the investigation.

The investigation is centering on information that the debris was buried at the old ash-disposal site at Williamsburg Station.

An analysis was made of water taken from the site, and instrument survey readings were taken of conditions at the site. Nothing of an unusual nature has been found.

88310

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

INCIDENT NUMBER

89-WM-2

SUPPLEMENT INCIDENT REPORT

TYPE OF INCIDENT			3. DATE OCC	MRED	4. VICTIM	
Other						
SUSPECT	NAME (LAST, FIRST, MI	(A)OCE)		ADDA		PHONE
ACTION	RACE SEX	DOB AG	SE HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO
OFFICIAL ACTION	IF PENELEC EMPLOYEE	WORK LOCATION	PO	SITION	EMPLOYEE NO	SUPERVISOR
MARRATIVE-LIST	ALL RESULTS OF ADDITION	AL INVESTIGATION AND ADD	ITIONAL INFORMATION FRI	OM ABOVE BLOCKS		
On	January 18, 1	1989, the foll	owing investi	gation was	conducted.	
Jo	seph Kovalchio	ck. owner of t	he Kovalchick	Corporati	ion, was contacte	d at
his of 8:15 a	fice in India: .m. Mr. Kova	na, Pennsylvan Ichick stated,	"We were inv	olved in	mber 412-349-3300 the dismantling o	of
Saxtor	(Steam Statio	on). We remov	ed the entire	steam fac	ility. The NRC	
excess	ive vibration.	. One of the	walls from th	e steam p	ant was about 30 The brick and	feet teel.
that w	e didn't sell	, is buried ri	ght on the Sa	xton prope	erty. We left a to collapse the	few
buildi	ng. We were	never in the n	uclear area a	nd were no	ever asked to, no	or did
was or	the Saxton p	roperty. The	only thing th	at left t	e last time my conne steam station	was
regard	to SNEC, I'm	not sure that	anyone was t	here (wor	dn't leave. With king). We weren	t
privy securi	to anything in	n the SNEC Sta was a total of	f-limits area	as all fe	nced in and a high interview conclu	gh uded at
8:55 8						
		attempted to 1 egative result		e on the	Saxton Steam Sta	tion
				1 1-6		ALT:
	t 1:45 p.m., M tigation to da		notified of al	1 informa	tion obtained in	tnis
7 D UNFOUNDED	C CLEARED 8	PERSON PREPARING REPOR	11 6 41	AL EMPLOYE		
O NOT CLEARED		Andrew E. Mol	BYES 14	MANEWED BY INTE	EMC-1	8974 12 PAGE
1-18-89 1	:50 p.m.	RECOMMENDED	ONO	X		OF

(m)

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

89-WM-2

INCIDENT NUMBER

SUPPLEMENT INCIDENT REPORT

Other					2. 05.16.000	onnes.			
SUSPECT	HAME (LAST,	FIRST, MIDDLE	i)			ADDRESS			PHONE
LEGAL	RACE	SEX	DOB	AGE	некант	VMEXGHT	HAIR	EYES	SOCIAL SECURITY NO
CORPANY OFFICIAL ACTION	IF PENELEC		WORK LO	CATION	K	DISITION	EMPL.	OYEE NO	SUPERVISO
	ALL RESULTS OF A	ADDITIONAL IN	VESTIGATION AN	ND ADDITIONAL	INFORMATION FR	ON ABOVE BLOCKS			
0	n January	19. 198	9. I nro	ceeded	to GPUNC-	Parsippan	v and re	viewed a	1
infor	mation gat	hered t	o date w	with Mr.		At that			
attac	hments wer	e prese	nted to	me:			************		******************
						erview co	noucted.	on Januar	y 17,
1	989, by Mr	. Knube	of with C	Clayton !	Montgomer	у,			
		-			-	-	THE PERSON NAMED IN COLUMN	AND ADDRESS OF THE PARTY OF	V 300 00 10 10 10 10 10 10 10 10 10 10 10 1
					andum sub	witted to	Mr Knu	bel by J	
A	uger, date	d Janua	ry 17, 1	989					
A	ttachment	III - S	axton Nu	clear E	xperiment	al Facili	ty Curre	nt Status	and
R	ecommendat	ions Re	port (wi	ithout r	eferences), dated !	day 8, 1	981, prep	ared
D	y E. F. 0'	Connor							
C	ontained w	ithin A	++achmor	+ 7 Mm	Workson	ery state	****	-11aba.	
						erials at			
noted	that the	barrels	, which	Mr. A	A obs	erved on	the tria	xial truc	
were !	black in c	olor.	It shoul	d also l	be noted	that the	three re	tirees	
remove	ed from th	e SNEC	Station	in black	cated that	t the rad	h this	Maste Wa	3
discr	epancy, th	ere is	no requi	rement,	accordin	g to Mr	(nubel	to place	u .
radio	active was	te mate	rial in	a certa	in color	of contain	ner. It	15.3	
						contains	radioact	ive_mater	ial,
that	it is iden	tirred	with a k	Kadiatio	n Symbol.				
A	ttachment	II cont	ains inf	formation	n which c	oncurs wi	th the i	nformatio	n
relati	ed to me o	r Janua	ry 17, 1	1989, by	Mr. Knut	el relation	o to the	e shipmer	ts of
radio	active was	te from	the SNE	C site.					
A	ttachment	III con	tains in	nformatio	on about	the histor	ry of SNI	EC and n	ans
for co	onducting.	decommi	ssioning	activi	ties at t	he site.	J 01 311	una pi	arra
UNFOUNDED	CLEARED	8 PERS	ON PREPARING I	REPORT (PRINT	TYPE A SIGN	EMPLOYEE	NO.	WORK LOCATION	WORK PHONE
NOT CLEARED		An	drew E.	Mollura	18: Mol	MM 9059		PMC-1	8974
With the spill was to be a first of the spill of the spil		1 20 900 1 1	THE R. P. LEWIS CO., LANSING, MICH.		All the second s	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO	THE RESERVE OF THE PARTY OF THE	TORSE CONTRACTOR STATE	The second secon
20-89 4		12000	MMENDED	-	D NO	ENEWED BY INTER	AL AFFAIRS		12 PAGE

Penelec / GPU

PENNSYLVANIA ELFCTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NUMBER

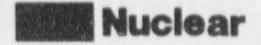
89-WM-2

As a result of the review of all the information, it is the intent at this time to gather all analysis reports and evaluate all information gathered to date. At this time, Mr. Knubel and I concur that there is no information which substantiates Mr. AR contention that items from SNEC, possibly radioactive, were buried in the Williamsburg ash site.

During the return flight from Parsippany, I reviewed all information pertaining to this investigation with Messrs. Wise, Class, and Eugene Cathcart. The individuals were advised that, at this time, Mr. AA statements cannot be substantiated. The individuals were further advised that this investigation will remain active pending an entire review of all information ,athered and a determination made of future action.

PERSON PREPARING REPORT (PRINT TYPE SIGN) A REVIEWED BY (INTERNAL NEFARS) 5 PAGE
AND E. MOLIUTA A SO THE 2

MS 86 1286



GPU Nuclear Corporation
One Upper Pond Road
Parsippany, New Jersey 07054
201-316-7000
TELEX 136-482
Writer's Direct Dial Number:

January 17, 1989

ATTACEMENT I

Mr. Clay Montgomery

Dear Clay:

Thanks for meeting with John Kline and me for lunch last Friday. The information you provided was very helpful and informative.

I have enclosed my documentation to file of our conversation. I would appreciate if you would review it, make any changes, corrections or additions, sign it and return it to me.

If you have any questions, please call me (316-7648).

Again, I want to thank you for your time and cooperation.

Very truly yours,

Jim Knube

Nuclear Security Director

JK'nh 20003/12

Enclosura

UNUSUAL OCCURRENCE 03-89

January 17, 1989

J. Knubel - Nuclear Security Director

Morris Corp. Center

File

On December 13, 1988, at approximately 1130 hours, J. Kline and I met with Mr. Clay Montgomery, a retired employee. The purpose of this meeting was to question Mr. Montgomery on any knowledge or information that he might have concerning SNEC activities in the 1974, 1975 and 1976 timeframe.

Mr. Montgomery provided the following general history:

On May 1, 1972, Saxton Nuclear facility ceased operations. Shortly thereafter, all fuel was removed and sent to the AEC facility at Savannah River. The AEC owned the fuel and SNEC paid a use or burnup fee. *In late 1972, the control rods were shipped for disposal to West Valley. After fuel removal, an amendment to the license was submitted to the NRC. A general decontamination effort was initiated. Mr. Montgomery stated that this general effort continued until late 1973. The last snipment of radioactive material left the site late 1973 or early 1974. The material was shipped to Mooreshead, Ky.

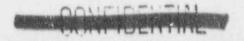


I questioned he late 1973 early 1974 end of cleanup date because of a verbal history received from J. Auger. Mr. Montgomery assured me his dates were correct.

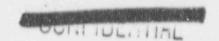
I asked lir. Hontgomery if he was aware of the Saxton steam lite activities between June 1975 and June 1976. He said he did not have first-hand knowledge, but he knew that the demolition of the steam plant was accomplished in that timeframe. He also related a story on how a contractor took the "clinkers," ground them up onsite, and sold the grit to the Highway Department for use as an anti-skid agent.

I asked I'm. Montgomery if he was aware of any shipments from SNEC to the Williamsburg Station in the fall of 1975 or early 1976. He stated that this could not have happened. He would have had to authorize any release of material from the site, and there were no releases during the period in question.

*This information was provided via telephone by Mr. Montgomery at about 1615 on Jan. 13, 1989.





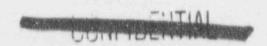


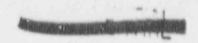
I asked if he knew Mr. AA He stated that he did. He had contacted Mr. AA the then Williamsburg Station Superintendent in 1980 or 1981, to have his personnel fabricate mesh window covers. Mr. Montgomery did not know Mr. AA in the 1975 timeframe and stated that he probably would not recognize him today if he met him.

I explained to Mr. Montgomery the account given by Mr. AA and asked Mr. Montgomery if he would comment.

Mr. Montgomery stated that Mr. AA probably saw steam site demolition material if he saw anything. Mr. Montgomery asked me if Mr. AA left Penelec under favorable circumstances. I stated that while I could not provide details, it was my understanding that Mr. AA was let go about 6 months ago. Mr. Montgomery then stated another possibility was Mr. AA was trying to stir something up; although there were better ways to do that.

I asked Mr. Montgomery what color barrels were used for SNEC disposal of contaminated materials. Mr. Montgomery stated that yellow barrels were used. Mr. Montgomery further stated that underground tanks were dug up and filled with contaminated material before shipped for burial.





Mr. Hontgomery affirmed that there is no instance he is aware of that SNEC had sent any radioactive material to an unauthorized/unlicensed facility for burial.

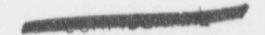
Mr. Montgomery did provide us with additional insight into the history of SNEC, including the Karl Plumlee inspection in 1979, the reorganization, etc.

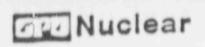
This memo is considered preliminary until review and concurrence by Mr. Montgomery.

Jim Knubel Ext. 7648

Clay Montgomery concurs with changes noted.

JK:nh 2060/4-5





INTER OFFICE MEMORANDI

MELLEMYSLIED ARE STRE -FILE: AA ALLEANTSONS

J. KNOEL . NULLEAR SECURITY DIRECTA	DATE: JANUARY 17,1989
M: J. AUGEL - EN. LICENSTE ENG.	RECEIVED
JECT: REVIEW OF SAKTOW TRECONTOS	JA 1 7 1989
AGG	VERNEY IT DEST
ON TANHALY 16, 1989 D. MODRE CENVILE	C MOR) AND I DEVIEWED THE SANTON
RELOADS STORED AT THE THE 2 BLD 22	Z VALLT . AS A RESULT OF THIS
REVIEW WE COULD NOT FEND AND DOCLE	MENTATION TO SUPPONT THE ALLEGATION
THAT MATERIAL FROM SNEL LAS DISP	OSED OF AT THE WILLIAMSBURG SITE.
AS A MATTER OF FACT. NO DOLLINGHTATE	DN COULD BE FOUND THAT LOUID
ENDICATE DAT THELE HELE PHY ACT	TVITA'S DNGOIND AT THE SARTON SITE
POST BORLY 19741. THE LAST RECOLDER	D RAD WASTE SHIPMENT FLOW SHELL
THAT HE HATO TRECOND OF HAS DATED	JULY 20, 1973 (TO MOVEY FLATS IN KENTY

JOHN C. AUBEL EXT. 7966 PALSDYANY

SAXTON NUCLEAR EXPERIMENTAL

FACILITY

CURRENT STATUS & RECOMMENDATIONS

E. F. O'Connor May 8, 1981

TABLE OF CONTENTS

			Page						
1	Introduct	ion/Purpose	1						
11	Saxton Decommissioning Activities, Present Status & Configuration								
III	NRC Guida	nce on Decommissioning	14						
IV	Proposed	Regulations Governing Decommissioning	16						
V	Nuclear Reactor Decommissioning History								
VI	Alternati	ves for Sexton	22						
vII	Recommend	lations	25						
VIII	Reference	· 5	27						
	Figures:	1) Decommissioned Saxton Nuclear Facility Layout 2) Containment Vessel plan above elev. 795' 3) Containment Vessel plan above elev. 612' 4) Containment Vessel - Controlled areas and high radiation areas 5) Flood Elevation Frequency Curves							

Attachments: A - Photographs of Facility taken on April 21, 1981

B - Site Inspection Procedure dated December 19, 1980

I INTRODUCTION/PL DSE

The Saxton Nuclear Facility is owned by Saxton Nuclear Experimental Corporation (SNEC) which is a wholly owned subsidiary of GPU. It is located in Saxton, PA on a 1.148 acre plot of a 150 acre site owned by Penn Electric. Saxton was designed and constructed by GAI which worked under the direction of Westinghouse, the prime contractor. Saxton Pizliminary Hazzards and Safety Report was submitted to the AEC on July 24, 1959, received its construction permit on February 11, 1960 and achieved initial criticality on April 13, 1962. Saxton operated under the provisions of license DPR-6 at a maximum power level of 23.5 mwt until May 1, 1972 when decommissioning activities began. The cost of constructing and operating the facility was shared by GPU's three operating companies.

The purpose of this report is to provide a summary of the present condition of the facility and a summary of present and probable future

NRC regulations on decommissioning. The report also includes several near-term recommendations for follow action.

II SAXTON DECOMMES TONING ACTIVITIES, PRESENT STATUS AND CONFIGURATION

The Saxton Nuclear Experimental Corporation requested authorization to decommission the Saxton reactor by application of the NRC dated April 14. 1972 upon completion of the experimental program on May 1, 1972. The decommissioning plan and safety analysis report submitted with this application described decommissioning activities and final plant configuration. During the period July thru November 1972, the nuclear fuel, core nuetron sources, and control rods special nuclear materials and sources were shipped off site. During the period November 1972 thru early 1974 essentially all "by product" material, with the exception of that contained within the reactor coolant system and low level residual surface contamination in exclusion areas was removed from the site. The as left condition of the plant was documented in a report entitled "Decommissioning Status of the Saxton Reactor Facility" which was forwarded to the NRC on February 20, 1975. In summary, the as left condition of the facility is as follows:

- All solid radioactive waste such as ion exchange resins, solidified liquid wastes and trash resulting from the defueling and decommissioning work was shipped off site.
- 2. All gaseous wastes were released.
- The reactor coolant system piping was sealed to prevent escape
 of the deposited fission products and corrosion product activity
 contained within that system.
- 4. The reactor internals remained inside the reactor vessel. The reactor head is in place and the control rod drive mechanisms have been left intact in the bottom head of the reactor vessel.
- 5. The removable concrete shield blocks were left in place over the reactor/fuel storage compartment and the rotary bridge crane which is required for removing the shield blocks was positioned so that it could not be utilized for the removal. Electric power to the bridge has also been disconnected.

- 6. All systems and/or components which contain radioactivity are located below the operating floor or the containment vessel (elevation 812'). The only access to the lower level has been blocked by the installation of a hinged grate over the stairwell. The operating floor was established and maintained as a clean area.
- 7. All piping connections to the containment were severed and welded shut outside the containment. The electrical penetrations were severed at the containment vessel. Ventilation ducts were also severed and welded shut.
- 8. A 1/2" pressure equalizer line containing a replaceable high efficiency absolute particulate filter has been installed to permit "breathing" of a containment vessel.
- 9. The equipment access door in the containment vessel was welded closed. The outer door of the emergency personnel access lock was welded closed. The door interlock in the personnel access lock has been disabled and the inner door is secured in an opened position. The outer door of the personnel lock was secured with a padlock.
- 10. All radioactive materials, piping and equipment was removed from the control and auxiliary building. It was the original intention to decontaminate and release this building for unrestricted use. However, since the building could not be completely decontaminated it was locked and included as an exclusion area.
- 11. All radioactive materials, equipment and piping in the radioactive waste disposal facility (RWDF) were removed. This building was also intended to be decontaminated and released for unrestricted use. However, complete decontamination was not possible due to the fixed residual contamination in the

Juice In

concrered floors and walls. The building was, therefore, locked and controlled as an exclusion area.

12. All radicactive piping and equipment in the pipe tunnel between the containment, the RWDF and the control and auxiliary building was removed and surface contamination was removed to establish clean area conditions.

13. All above ground and buried tanks used to store or process radioactive effluents were removed along with connecting piping. The excavation holes were backfilled with earth and sand.

14. The 80,000 gallon refueling water storage tank and the adjacent safety injection pump house were decontaminated and released for unrestricted use and still remains at the site.

15. The ventilation stack through which all gaseos radioactive

- 15. The ventilation stack through which all gaseos radioactive releases were made was dismantled and removed from the site.
- 16. Westinghouse's super critical test loop equipment which was located in the containment vessel was removed and disposed of.

Since the decommissioning of the nuclear plant, the coal fired steam plant and turbine generators have been completely dismantled and removed from the site. All that remains is a switch yard, line department depot/garage and the decommissioned nuclear station as shown on Figure 1. Figures 2, 3 and 4 also show the status of the nuclear station at time of decommissioning. The retired nuclear facility is fenced in and the three buildings, i.e., control and auxiliary, RWDF, and the containment vessel are all padlocked shut. The containment vessel access door is equipped with intrusion alarms which are monitored in the dispatch center in Altoona.

me Lit sat but by Jud " hat " but " but " but " but

FIGURE I
DECOMMISSIONED SAXTON NUCLEAR FACILITY LAYOUT

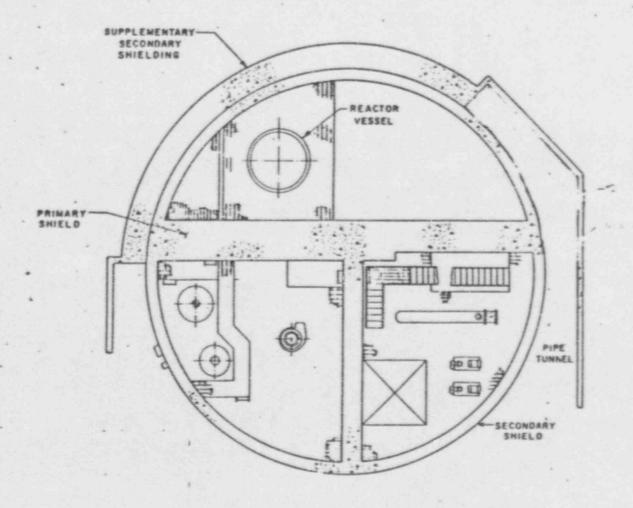
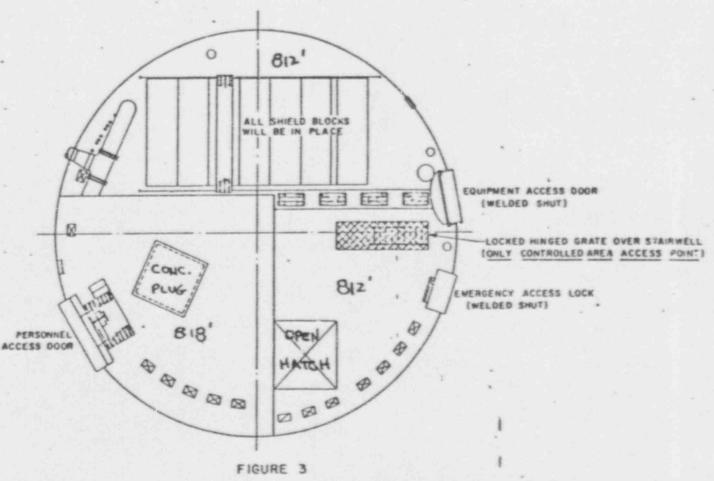
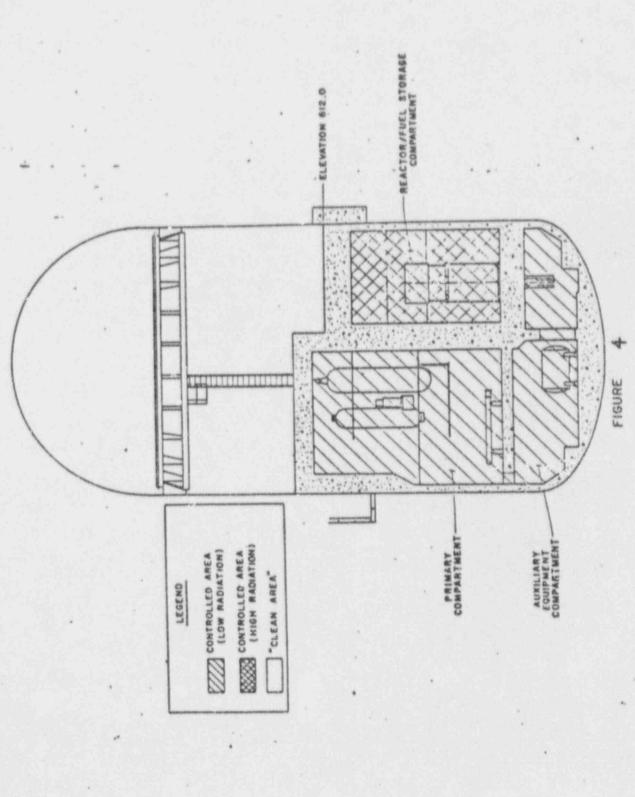


FIGURE 2
SAXTON CONTAINMENT VESSEL PLAN ABOVE ELEV. 795'-2" SHOWING RADIATION AND
BIOLOGICAL SHIELDING



DULL HILL HILL

SAXTON CONTAINMENT VESSEL PLAN ABOVE OPERATING FLOOR (ELEV: 812'-0")
SHOWING MODIFICATIONS TO MAKE LEVEL BELOW OPERATING FLOOR A CONTROLLED AREA



27

d

H

HOLLE E E E E E E E

SAXTON CONTAINMENT VESSEL CONTROLLED AREAS AND HIGH RADIATION AREAS

Saxton nuclear experimental facility is officially decommissioned and is classified as being in a mothballed condition. It has a 10CFR50 possession-only license which expires February 11, 2000. It is worth-while pointing out, however, that although it is classified as mothballed, a considerable amount of dismantling took place. Except for the equipment in the containment and the slight amount of contamination in the control and auxiliary building and the RWDF, all radioactive contamination fluids, wastes, etc. were completely dismantled and removed from the site. The approximate cost of decommissioning activities from May 1972 to early 1974 was \$ * million.

Included as part of the Saxton's possession only license are a set of Technical Specifications which require that a site inspection and survey be performed once every calendar quarter. The specifications require a general inspection and radiation survey at the site during which time the fences, padlocks and intrusion alarms are verified to be in place and working. The inspection also includes a containment building entry for the radiation and smears surveys. A sample site inspection procedure which was conducted on December 19, 1980 is included as an attachment to this report. Quarterly inspections have been conducted without exception since 1974.

Shortly after the plant was decommissioned, water was observed in the lower level of the RWDF and in the pipe tunnel which connects the containment building with control and auxiliary building and the RWDF. This water is ground water which has seeped through the concrete walls and perhaps through cracks of the basement floor of the RWDF. Over the years the water has continued to rise until it has reached an equilibrium with the water table in the area. During a visit to the site on April 21, 1981, the war level in these areas was observed to be approximately

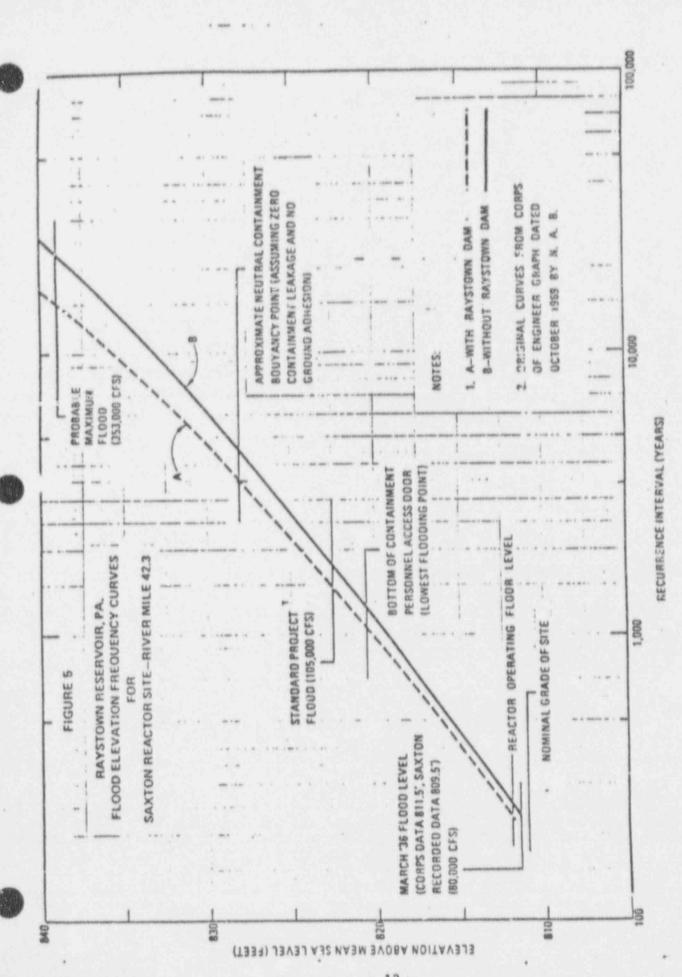
*Available but not yet - 9 - retrieved from archives.

4 feet below g ie. It estimated that there is "oproximately 113,000 gallons of water in the lower levels of the RWDF and about 45,000 gallons in the pipe tunnel. Samples of the water in these areas have been taken periodically and sent to the laboratory at TMI where it is analyzed and found to contain trace amounts of cesium 137. In March 1980 samples were sent to the EPA's analytical chemistry laboratory in Idaho Falls where it was confirmed that the only radioactive constitutents contained in the water was cesium 137 at concentrations of approximately 3.5x10 7 microcuries per millileter. It should be noted that this concentration is approximately 1 to 22 of MPC and is about two times the EPA's drinking water limits. Although this water could have been discharged to the environment, it was decided to retain the water since it is reasonable to assume that the pipe tunnel and the RWDF would only fill up once again if they were empried. Water has also been observed in the sump in the lower level of the containment building as well as in other isolated areas throughout the containment. This water is not the result of ground water seepage but rather from condensation of moist air. Recall that the containment is vented through a h TPA filter to the atmosphere and over the year as the containment "breathes" the moisture content tends to build up and condense out in cooler weather.

During September 1979 an inspection revealed that the soil adjacent to the RWDF was contaminated. After a thorough investigation it was concluded that the soil must have been contaminated but undetected during decommissioning activities. The soil was removed and has been stored in 55 gallon drums. At present the 37 drums are being mixed with vermiculite to absorb moisture and will shortly be shipped from the Saxton facility to a radioactive waste burial site.

In 1973 the core of Army engineers completed the Construction of the Raystown dam which is located 42.3 river miles downstream of the Saxton site. The presence of the dam increases the severity of flooding by only a couple of feet over the level that would have existed had the dam not been erected. This subject was addressed in the Saftey & Analysis Report which accompanied the decommissioning plan submitted to the NRC. The Safe'y Analysis keport concludes that the presence of the dam does not pose any great threat to the saxton facility. Figure 5 which was taken from the Safety Analysis Report shows the results of conservative flood calculations. It is extremely unlikely that the flood levels would exceed the point where the containment personnel access would be exceeded (and hence increase the chance of flooding it) and much less likely that the containment would reach a point of neutral bouyancy.

On April 21, 1981 a tour of the Saxton facility was conducted for the purpose of determining the material condition of the site. During the inspection the RWDF, the control and auxiliary building and the containment were inspected and a thorough photographic record was recorded. Attached are a number of photographs which show the general condition of the plant. In general, the containment vessel and all equipment contained therein was in good condition. The dome of the containment vessel shows some signs of corrosion along the weld seams and the paint has begun to peel off in some areas. Radiation levels throughout the containment vessel varied. The hottest readings were found in the location of the non regenerative heat exchanger and in the control rod mechanism room below the reactor vessel. The general area radiation levels were approximately 10 to 20 mr per hour with much higher



readings on co act. The RWDF and the control lauxiliary buildings were structurally sound. The interior of the buildings showed some signs of superficial degredation. That is, plaster is peeling off walls, ceilings are falling in spots, aspestos tiles are coming off the floors, etc. The general area radiation levels are no greater than background, but contact readings are on certain floors and walls show readings slightly above background in the order .2 to .3 mr per hour. A few access doors are rusting out at the bottom and should be replaced.

During March and April 1981, the environmental controls group from TMI has been spending a day or so per week on site. In addition to performing some environmental monitoring they have been taking radiation and smear surveys and are preparing the 37-55 gallon drums containing the contaminated soil for shipment. A report of their efforts will be provided under a separate cover.

Various aspects of decommissioning a nuclear facility are addressed in several portions of Title 10 of the Code of Federal Regulations. These are Parts 30, 40, 50.33F, 50.82, and Appendix F to 10CFR50. These and other requirements are fully discussed in NUREG 0671 entitled, Decommissioning Commercial Nuclear Facilities: A Review and Analysis of Current Regulations publis in (August 1979). Significant portions of these regulations are amplified and additional guidance is provided in Regulatory Guide 1.86 dated June 1974. This Regulatory Guide states that there are basically four acceptable alternatives for retirement of a a nuclear reactor facility. These are summarized below:

- A. Mothballing (protective custody) A facility may be left intact except that all fuel assemblies and radioactive fluids and wastes should be removed. In this mode of retirement, adequate radiation monitoring, environmental surveillance and appropriate security procedures must be established and access to the facility must be restricted.
- B. In-place Entombment The sealing of the highly radioactive and contaminated components (eg, reactor vessel) within a structure integral with the biological shield. Additionally, all fuel assemblies, radioactive fluids and wastes and other selected components must be shipped off site. In this mode a continuing surveillance program must be established.
- C. Dismantlement Dismantle and remove all radioactive components and contamination. In this mode a possession-only license is surrendered and the site may be relased for unrestricted use.
- D. Conversion The facility may be converted to a fossil generating station or portions of the nuclear plant ay be refurbished and it may continue to operate as a nuclear plant.

natives are also acceptable, and although not specifically stated it most likely would be acceptable for the phase wise approach to decommissioning, i.e., initially mothballing the plant and later dismantling it after radiation levels have decreased substantially. It should be noted, however, that the Regulatory Guide does not state that a retired nuclear facility must someday be completely dismantled. That is it is implied that mothballing and entombment is acceptable as a permanent solution.

Although Regulatory Guide 1.86 was not in effect at the time of Saxton's decommissioning, it does reflect the NRC interpretation and position on the regulations in effect at the time.

A summary of the NRC Staff's latest positions on Decommissioning which are quite different from those currently in effect are included in Section IV.

IV PROPOSED REGUI TIONS GOVERNING DECOMMISSIONING

Since 1975 the NRC began an in-depth review and re-evaluation of the regulatory approach to decommissioning. The NRC recognized that the current generation of large commercial reactors and supporting facilities would substantially increase future decommissioning needs. Major technical studies were initiated at Battell's Pacific Northwest Laboratory (PNL) in order to provide a firm information base on the engineering methodology, radiation risks, and estimated costs of decommissioning nuclear facilities. A listing of the reports of such studies is included in the reference section. In January 1981, the NRC issued NUREG 0586 entitled "Draft-Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities". This report concludes:

"The technical basis exists for performing decommissioning in a safe, efficient, and a timely manner. Decommissioning as used here means to safely remove contaminant radioactive mate. down to residual levels considered acceptable for permitting unrestricted use of the facility and its site. Decommissioning has major beneficial impacts because it allows a nuclear facility which no longer has operational value to be made available for unrestricted use".

It further states that the NRC's regulatory objectives should be to ensure that through regulations and other guidance that appropriate procedures are addressed in certain critical areas. The areas of most significance are summarized below.

A. <u>Timeliness</u> - The report concludes that the decommissioning of a nuclear facility should have its prime objective thorough decontamination of radioactivity resulting in unrestricted use of the facility at the earliest practical time. In certain situations the potential for occupational

reduction resulting from radio 'ive decay would exposu allow the use of safe storage or entombment. For a power reactor which has operated thirty to forty years, the NRC would encourage prompt dismantling (within four years) but would probably permit protective storage (SAFESTOR) for a period not to exceed thirty years prior to dismantling. It should be noted that the NRC no longer feels that protective storage or entombment is an adequate final disposition of a retired nuclear facility. The entombment option is open for facilities (eg, ndependent fuel storage pools) to allow time (less than 100 ; ars), if at the end of such time, the radioactive levels without decontamination or dismantling decay to levels that would permit unrestricted access. Since it would take many thousands of years for a retired power reactor to decay to levels which would permit unrestricted access, entombment for a power reactor is no longer acceptable to the NRC. Furthermore, mothballing is acceptable only if the licensee can show that the reduced occupational exposure during dismantling after a period of time (30 years), outweighs the benefits of prompt dismantling.

B. Planning

Pre-Licensing Plans - Prior to plants receiving their operating license it will be necessary to prepare a decontamination plan. The initial plan should describe (1) the decommissioning alternative tentatively considered for use and the cost estimate and method of assurance of funding for that decommissioning alternative, (2) consideration of facilitation of design and operations for improving health and safety during decommissioning, (3) record keeiping for relevant information,

Final ins - Final plans must be in st a greater detail than the initial plan as should be submitted a year or so prior to the retirement of a facility. Final plans should include (1) detailed description of the decommissioning alternative selected for use, including plans to protect health and safety, for waste disposal and for a final termination survey, (2) detailed schedules, (3) administrative control, (4) proposed specifications on controls and limits for procedures and equipment used (5) details of a training program for employees and contract personnel.

The major change is that the NRC would expect a licensee to design the plant with decormissioning in mind in order to ensure that decommissioning can be carried out with maximum efficiency and minimum occupational radiation exposure.

C. Financial Assurance - An important aspect of this __ive is to ensure that at the time of termination of facility operations (including premature closure) that adequate funds are available to decommission the facility resulting in its release for unrestricted use. Assurance of this availability of funds insures that decommissioning can be accomplished in a safe and timely manner and that lack of funds does not result in delays in decommissioning that may cause potential health and safety problems for the public. To satisfy this NRC decommissioning objective, the licensee must provide a high degree of assurance that adequate funds will be provided at the time of cessation of facility operations. This financial assurance must contain a mechanism enabling funds for the full cost of decommissioning to be made available at

any t. . during facility operations. report suggests several possible funding mechanisms available. They include prepayment into an account segregated from other company funds, decommissioning insurance, security bonds, letters of credit, sinking funds, etc.

On February 10, 1981 an announcement was included in the Federal Register that NUREG 0586, the NRC's Draft Environmental Impact Statement, had been published and invited public comment. It is the NRC's intention to initiate rule making proceedings, and plans to publish a decommissioning policy statement in August of 1981. This will be followed by a proposed amendment to 10CRF in December 1981 and effective regulations by September 1982.

It should be mentioned that in neither NUREG 0586 nor the February 10 Federal Register invitation-to-comment was there any mention of how these new requirements would be applied to plants which are presently retired or have operating licenses.

Recently the AIF's Subcommittee on Decommissioning and the Utility Decommissioning Group have provided comments to the NRC on NUREG 0586.

(Both letters dated April 22, 1971). In general, both groups disagree with the NRC's latest approach toward decommissioning. They feel that the NRC is being too prospective from a financial and technical standpoint; has ruled out permanent entombment with good cause; should not include premature closure into its present rulemaking; protection of the public does not require "de minimus levels of residual radioactivity.

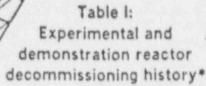
In general, it appears as though the issues associated with decommissioning are far from being settled and the rulemaking process should prove to be a very lively one.

(99)

V NUCLEAR REACTOR DECOMMISSIONING HISTORY

Past decommissionings of licens d reactor facilities have been accomplished by mothballing, entombment and dismantling or by a combination of these alternatives. As late as the mid-1970's a total of 65 licensed nuclear reactors had been decommissioned. Of these nine were power plants, six were licensed test reactors, twenty-eight were research reactors and twenty-two were critical facilities. Of the fifty licensed research reactors and/or critical facilities, all but four have been totally dismantled with the licenses terminated. The four remaining have been mothballed and will retain a possession only license. Licensed power plants have all been aothballed or entombed except for the Elk River Reactor (58.2 mwt) which is the largest reactor facilary ever to be dismantled. This was done in 1974 for a cost slightly in excess of \$6 million. Table 1 is a partial listing of the reactor faiclities in the United States which have been decommissioned and represents most of those facilities which were not dismantled. The table includes their decommissioning status, type of security, type of license, etc.

During the past few years, owners of three additional Demonstration Power Reactor, Dresden 1 (~600 mwt), Humbolt Bay (~200 mwt) and Indian Point 1 (~450 mwt) have announced that they will no longer operate. These plants have not been decommissioned are they actively pursuing that option. They still hold operating licenses and are fully staffed to meet Tech Spec commitments.





1	VI				*		
1	Reactor facility and location	Resorter type	Reactor thermul rating, Mw	Type of decommissioning	Status of dicense	Monitoring	Protective- storage measures
1	CVTR Pur. SC	Pressure tube, neavy water	65	Mothbaling	Byproduct per 10 CFR 30	Periodic surveillance	Welded closure. locked doors. security fence
	Pathlinder Sious Faits, SD	BWR, nuclear superheat	190	Mothbaling with steam-plant conversion	Byproduct to state!	Continuous security force1	Welded closure, security tence
	FERMI I Morroe Co. Mich	Sodium-cooled.	200	Mothbaling	Possession anity**	Continuous security forces	Locked doors, security fence
	Peach Bottom 1 York Co. Pa	Gas-cooled. graphyte- moderated	115	Mothbeling	Possession anty	Continuous security force?	Not yet established
	VBWR Alarmeda Co, Calif	BWR	50	Mothboling, with ut-m-plant ca preion	Possession only	Continuous security forces	Locked doors, security fence
	NASA Plumbrook Sandusky, Orvo	Light water	0.1	Mothwebng	Possession only	Continuous security forces	Locked doors, security fence
j	GE EVESR Alamieda Co, Calif	BWR, with nuclear superheat	17	Motheling	Possession only	Continuous security force:	Locked doors, security fence
	Saxton, Pa	PWR	23.5	Mothbaling	Possession only	Intrusion slarms	Welded closure, locked doors security fence
	SEFOR Strictuler. Ark	Sodum- sed, last	20	Mothbeling	Byproduct to state	Intrusion alarms	Welded closure, locked doors, security fence
	Wester to Test for a lot Watta lot, for		60	Mothaked	Possession only	Continuous security force (Locked doors, security tence
	B & W Lynchbu	Put	•	Partial dismanting	Byproduct per 10 CFR 30	Not required	berupper Icif
	Hallem Hallem, Neb	waum-cooled, graphite- moderated	256	Enternising	Operating authorization terminated	Not required	Welded closure, concrete cover, weatherproofed
	Pique Pique, Ohio	Organic couled and moderated	45.5	Enterning	Operating authorization scriminated	Not required	Welded closure, concrete cover, waterproofed
	BONUS Ricon, Puerto Rice	BWR, with nuclear superfieat	50	Entombing	Operating authorization terminated	Not required	Welded closure, concrete cover, tacked doors, security lence
*	Elk River Elk River,	BWR	58.2	Dismanting & partial	Operating authorization	Not required	Not required

^{*}Reference: "Decomensuoring and Decontamination of Licensed Reactor Facabes and Demonstration mustear Power Plants." by P.B. Enckson and G. Lear, MRC presented at conservance on Decontamination and Decommissioning in Island Fats, Mar., Aug., 81.19.21, 1975.

ELECTRIC WORLD
2/15/78



A byproduct scene may be silved by agreement state per 10 CFR 150

^{\$}The use of a continuous security force was not required by the HRC bircause continuous manned security was provided for other on-site activities that were unrelated to the decemple of the provided for other acceptances of the provided for other acceptances.

Note. The bong represents a sabulation of 15 of the more than 65 reactions in the US that have been either mothebased, entermined, or dismension to deter-

The Saxton Nuclear Experimental Station was legally decommissioned in 1972 and 1973 and currently holds a 10CFR50 possession-only license which is scheduled to expire in 2000. At this point any and all post-decommissioning options are still opened but would have to be negotiated with the NRC. The option selected would depend upon the availability of funds and the objectives which we are tyring to achieve. A list of possible courses of action include:

a) Do nothing.

4.30

- b) Increase environmental monitoring.
- c) Increase security.
- d) Dismantle the RWDF.
- e) Dismantle the control and auxiliary building.
- f) Dismantle or entomb the containment.
- g) Various combinations of the above.

A dismantling of the RWDF and/or control and auxiliary building prior to dismantling the containment may be unwise because these buildings could be used to store waste prior to shipment or used to house portable waste disposal equipment. In their absence, temporary structures would have to be erected during the demolition of the highly radioactive equipment located in the containment.

A rough estimate for completely dismantling the facility is approximately \$10 million over 2-3 year period. This estimate was arrived at by merely escallating (using construction cost indicies) the cost of decommissioning the Elk River Reactor Facility from 1974 to 1361. Factors which would tend to increase this figure are:

a) Saxton has no radwaste treatment facility and any radioactive fluid and solid wastes which are generated during decommissioning will have to be disposed of using costly and inefficient portable facilities.

- b) Saxton no staff and there are very f people remaining within the GPU System which have any knowledge of Saxton what-soever. A partial restaffing for the decommissioning period would be more costly than saing the station's normal operating staff.
- c) The polar crane located inside the containment will require a complete overall since it has been located in the moist containment atmosphere and not operated for the last seven years.
- d) There are no station services, that is compressed air, 480 volt power, etc. and the cost of either establishing them or requiring a contractor to bring them in would tend to increase costs.
- e) Regulations regarding occupational exposure, shipping and burial have become much more restrictive since 1974.
- f) Labor costs in the East are generally higher than in Minnesota.
- g) Elk River was owned by the federal government and there is the possibility that some of the actual costs were funded separately and not included in the reported figure.
- h) The cost of shipping and bruial of radioactive waste has increased 33% per year over the last several years.
- On the other hand factors which tend to decrease the escallated Elk River costs are:
 - a) Saxton operated with a power level approximately 1/2 that of Elk ...ver's and as such many of the components are most likely smaller.
 - b) Saxton has already been partially dismantited.

All factors considered, the \$10 million estimate is probably in the ball park and suff cient for the purposes of this report. A more accurate estimate can be developed later and would likely fall in the range of \$8-20 million.

Aside from the ost, there are some additional ctors which should be considered prior to determining the extent of any changes to be made at Saxton. These are briefly listed below:

Rate Cases - Included in the base rates for JCPL, Met-Ed and PA EL is the cost of entombing Oyster Creek and Three Mile Island. Even though the selected options for Oyster Creek and Three Mile Island are different from Saxton's mothballed status, a change in Saxton's status to anything but entombment may be questioned by both PDC's.

Funding - To the best of my knowledge Saxton does not show up as a liability on the financial statements of any of the three operating company's which have funded it and continue to pay for its "operating" costs. Furthermore, a source of funds has not been set aside for additional decommissioning activities.

ALARA - Even though Saxton may ultimately have to be dismantled, the longer it is deferred the lower will be the occupational exposures.

Land Use - There is no obvious incentive for dismantling the facility so that the property can be released for unrestricted use. The facility only encompasses 1,148 acres and is located on a 150 acre plot which also includes a substation and line department garage. If the facility were dismantled, it is very unlikely that the use of the site would be altered for the benefit of the general public.

- 1) GPU should deser making any major changes, i... total or partial dismantlement, for at least two years. In its present condition,

 Saxton has a negligible environmental impact and there is no apparent urgency to raze the site. During this period the new regulations regarding decommissioning should be issued and their scope and applicability to an already-decommissioned facility will be known. A two year wait will also allow GPUN sufficient time to stabilize, mature, and staff up to take on this additional responsibility.
- Augment the environmental monitoring program to assure GPU that Samton has a mirimal environmental impact.
- 3) Repair/replace exterior doors to the RWDF and Control and Auxiliary Building which are severely corroded.
- 4) Investigate the proper funding mechanism for the ultimate demolition of the facility. Additionally, the Financial Division should investigate the necessity for the three operating companies to report to Saxton as a liability in their financial reports.
- 5) Within two years develop a Dismantling Plan which would include a detailed list on all activities necessary to demolish the sites. The plan should also include a list of all assumptions, a schedule, and cost breakdown in sufficient detail so that at any time in the future cost can be accurately recalculated (as opposed to merely resorting to the application of gross cost indicies). For example, the breakdown should include volume of radioactive and non radioactive concrete rubble; weight and volume of containers required to ship radioactive components, eg. the RCP; weight, volume and salvage value of non contaminated scrap, eg. containment liner; method of disassembly for reactor vessel, reactor internals, steam generator, and pressurizer;

method of de ering containment "hole" durin he final stages of demolition; the necessity for temporary/portable equipment and facilities; etc.

6) GPUN should actively participate in industry committees which address themselves to Decommissioning; eg. AIF's Subcommittee on Decommissionand the EEI's Utility Decommissioning Group.

VII : References

- 1. G. J. Konzek and C. R. Sample, Decommissioning of Nuclear Facilities An Annotated Bibliography. NUREG/CP-0131, Pacific Northwest Laboratory
 for U.S. Nuclear Regulatory Commission, September 1978.*
- 2. A. H. Schelling, et al., Decommissioning of Nuclear Facilities A Review and Analysis of Current Regulations. NUREG/CR-0671, Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, August 1979.*
- 3. Robert S. Wood, Draft Assuring the Availablity of Funds for Decommissioning Nuclear Facilities. U.S. Nuclear Regulatory Commission, NUREG-0584, Revision 1, November 1979.**
- Enrico F. Conti, Draft-Residual Activity Limits for Decommissioning Nuclear Facilities, U.S. Nuclear Regulatory Commission, NUREG-0613, September 1979.**
- 5. M. W. Young and R. F. Eckerman, A Methodology for Calculating Residual Radioactivity Levels Following Decommissioning, U.S. Nuclear Regulatory Commission, NUREG-0707, October 1980.
- Einancing Strategies for Nuclear Power Plant Decommissioning, NUREG/CR-1481, Temple, Barker and Sloane, Inc. for U.S. Nuclear Regulatory Commission, June 30, 1980*
- 7. H. W. Dickson, et al., Progress Report on Monitoring for Compliance with Decommissioning Criteria, ORNL/HASRD-78, Oak Ridge National Laboratory for U.S. Nuclear Regulatory Commission, May 1980.***
- 8. R. I. Smith, G. J. Konzek and W. E. Kennedy, Jr., Technology, Safety and Costs of Decommissioning a Reference Pressurized Water Reactor Power Station, NUREG/CR-0130, Prepared by Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, June 1978.*
- 9. R. I. Smith and L. M. Polentz, Technology, Safety and Costs of Decommissioning a Reference Pressurized Water Reactor Power Station, Prepared by Pacific Northwest Laboratory for the U.S. Nuclear Regulatory Commission, Addendum to NUREG/CR-0130, August 1979.*
- 10. H. D. Oak, et al., Technology, Safety, and Costs of Decommissioning a Reference Boiling Water Reactor Power Station, NUREG/CR-0672, Prepared by Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, June 1980.*
- 11. Emmett B. Moore, Jr., Facilitation of Decommissioning of Light Water Reactors. NUREG/CR-0569, Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, December 1979.*
- 12. Norm G. Wittenborock, et al. Technology, Safety and Costs of Decommissioning Light Water Reactors at a Multiple Reactor Station, NUREG/CR-1755, Prepared by Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, to be published about August 1981.
- 13. G. J. Konzek, et al. <u>Technology</u>, <u>Safety and Costs of Decommissioning Reference Research and Test Reactors</u>, <u>Prepared by Pacific Northwest</u>

- Laboratory for .. Nuclear Regulatory Commiss. to be published about November 1981.
- 14. E. S. Smith, et al. Technology, Safety and Costs of Decommissioning Light Water Reactors That Have Eeen Involved in Accidents, NUREGICR-to be publised about May 1982.
- 15. K. J. Schneider and C. E. Jenkins, Technology, Safety and Costs of Decommissioning a Reference Nuclear Fuel Reprocessing Plant, NUREG-0278, Prepared by Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, October 1977.*
- 16. Final Generic Environmental Impact Statement on Uranium Milling, U.S. Nuclear Regulatory Commission, NUREG-0706, September 1980.**
- 17. H. R. Elder and D. E. Blahnik, Technology Safety and Costs of Decommissioning a Reference Uranium Full Fabrication Plant, NUREG/CR-1250, Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, October 1980. *
- 18. C. E. Jenkins, E. S. Murphy and K. J. Schneider, Technology, Safety and Costs of Decommissioning a Reference Small Mixed Oxide Fuel Fabrication Plant. NUREG/CR-0129, Prepared by Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, February 1979.*
- 19. E. S. Murphy and G. M. Holter, Technology, Safety and Costs of Decommissioning a Reference Low-Level Waste Burial Ground, NUREG/CR-0570, Prepared by Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, June 1980.*
- 20. E. S. Murphy, et al., Technology, Safety and Costs of Decommissioning Non-Fuel Cycle Nuclear Facilities, NUREG/CR-1754, Prepared by Pacific Northwest Laboratory for U.S. Nuclear Regulatory Commission, February 1981.
- 21. F. R. O'Donnell, et al., Potential Radiation Dose to Man from Recycle of Metals Reclaimed from a Decommissioned Nuclear Power Plant, NUREG/CR-0134.

 Oak Ridge National Laboratory for U.S. Nuclear Regulatory Commission, June 1979.*
- 22. Draft Environmental Statement Concerning Proposed Rulemaking Exemption from Licensing Requirements for Smelted Alloys Containing Residual Technetium-99 and Low-Enriched Uranium, NUREG-0518, USNRC, October 1980.**
- 23. Draft Generic Environmental Impact Statement or Decommissioning Nuclear Facilities, U.S. Nuclear Regulatory Commission, NUREG-0586, January 1981.**

Available for purchase from the NRC/GPO Sales Program. U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and the National Technical Information Service, Springfield, VA 22161.

Available free upon written request to the Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555.

Available in the NRC Public Document Room for inspection and copying for a fee.

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

INCIDENT NUMBER 89-WM-2

SUPPLEMENT INCIDENT REPORT TYPE OF INCIDENT 3 DATE OCCURRED 4. VICTIM Other NAME (LAST, FIRST, ANDINE) ADDRESS 8 SUSPECT PHONE D LEGAL SET BACE DOB AGE HEIGHT WEIGHT EYES SOCIAL SECURITY NO ACTION C COMPANY IF PENELEC WORK LOCATION POSITION EMPLOYEE NO. SUPERVISOR OFFICIAL ACTION EMPLOYER 6 MARRATIVE-LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS On January 20, 1989, Mr. Kovalchick was recontacted by telephone and questioned pertaining to how he leveled the Saxton Steam Station property after demolition was completed. The reason for this question was in light of initial statement stating that when he observed activity on the ash pile the first day, he noted the triaxial truck leaving with a load of As a result of this statement, the possibility exists that ash from the Williamsburg ash site may have been used to level the Saxton property following the demolition. Mr. Kovalchick stated that leveling of the property was completed with dirt and ash, which was previously piled adjacent to the Saxton Main Building foundation. Mr. Kovalchick further related that absolutely no material, to his knowledge, was transported onto the Saxton site for grading purposes.

O UNFOUNDED O CLEARED S PERSON PREPARING REPORT (PRINT/TYPE & SIGN) EMPLOYEE NO. WORK LOCATION WORK PHONE NOT CLEARED Andrew E. Mollura 9059 8974 EMC-1 ATE TIME PREPARED 10 FOLLOW-UP ACTION S YES 11 REVIEWED BY (INTERNAL AFFAIRS) 12 PAGE -20-89 4:20 p.m. RECOMMENDED DWO OF _

MS-85 1286

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

Other			3. DATE OCCURRED	4. VICTIM	
-	NAME ILAST, FIRST	LHOOLE:	ADDRESS		PHONE
SUSPECT	NAME (LAST, PIRST	, MITOCLE)	ALAMESS		Mone
LEGAL ACTION	RACE SI	EX DOB AGE	HEIGHT WEIGHT	HAIR EYES	SOCIAL SECURITY NO
OMPANY OFFICIAL	IF PENELEC	WORK LOCATION	POSITION	EMPLOYEE NO.	SUPERVISOR
ACTION	EMPLOYEE				The state of the s
LARRATIVE-LIST	ALL RESULTS OF ADDITI	ONAL INVESTIGATION AND ADDITIO	ONAL INFORMATION FROM ABOVE BU	OCKS	
			1		
0	n January 23	, 1989, the follow	wing investigation	was conducted.	
	FF	Pene	lec COMEC Departmen	nt. who was the engi	neer
in ch	arge of the	Saxton Demolition	Project between I	nt, who was the engi	ne
exten	sion 8837. w	as contacted and !	stated that he was	in charge of the	
demo	ition projec	t. He further sta	ated that absolute	ly no material from	SNEC
was p	ermitted to	be removed by the	Kovalchick Salvage	e Company, who was a	awarded
the c	ontract for	the Saxton Steam	Station demolition	. Mr. FF went	t on to
state	that no one	eise nad permiss	ion to remove, or	did, remove any mate	erial
Trom	the SNEC Tac	ility during the	steam station's der	morreron.	
	ttached to t	his report is the	bth page of a six	-page letter which i	Mr.
ĂĀ	wrote to	R. L. Wise, date	d July 12, 1988.	The contents of the	letter
relat	ed to Mr.	AA , career,	with special atten	tion to problems he	
encou	intered durin	g his career. The	e attachment revea	is that Mr. AA	
admit	tedly has "h	ad an ax to grind	" since October I!	985. This letter wa	15
conta	ined within	Mr. AA pe	rsonnel file, which	h I received from the	ne
Human	Resources D	epartment on Janu	ary 18, 1988. Upo	n further examination	on of
		r information cou	ld be found which	would aid in this	
inves	tigation.				
N	in Knubel co	intacted me and ad	vised that he will	he forwarding Mr	
				ary 17, 1989. Upon	
			be made part of th		
				et for January 27,	1989,
			00 a.m. A supplem	ent report will be	
submi	itted relativ	ve to the results	of that meeting.		
A second contract of the second	-				
		8 PERSON PREPARING REPORT	pour ryat cores A care	LOYEE NO WORK LOCATION	
UNFOUNDED	O CLEARED	G. PERSON PREPARING REPORT	CHIMIT IN PORTING IN EMPS	POLICE HAS TANK TOWN TOWN	WORK PHONE
UNFOUNDED NOT CLEARED		Andrew E. Mollu:	11 6 181/11		8974
	ARED		ra A. E. 11 / 1901		

only in the Boot month begged forgiveness from a power for quester than anything in this world. I have found peace with God and know that I can put the Book years of turnois behind me but I can't face the world knowing that I have fauled in and a manner as I have with my career with Benelse.

Bot, I plead with you to give me one last chance. Since Oct 1985, I know I have had an ax to grow had now Ob ax is broken, as well as the holder of the ax. If you primit me to work once again for Benelee, hopefully in the altooner area away from the memories of the past even in a far leaser position than what I had in following. I give you my solemn promise that you will only hear good when someone apeals of AA I still have about to offer, please que me that chance, please.

yours truly

Penelec 4 GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

TYPE OF INCIDENT	and the same of th	THE RESERVE OF THE PARTY OF THE			3. DATE OCC	URRED	4 VICTIA	M	
Other									
SUSPECT	NAME (LAST.	FIRST, MIDDLE)			ADDRESS		-	PHONE
ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYFS	SOCIAL SECURITY N
COMPANY OFFICIAL	IF PENELEC		WORK LO	CATION	PO	SITION	EMPLO	OYEE NO.	SUPERVISO
ACTION	EMPLOYEE								
NARRATIVE-LIST AL	L RESULTS OF A	ADDITIONAL INV	ESTIGATION AN	NO ADDITIONAL	INFORMATION FR	OM ABOVE BLOCKS			
On	January	24. 198	39. the	followin	na invest	igation wa	s conduc	ted.	
	Carraci	21, 120	1 0110	10110111	3	3001011			
Dr	Greco	forwarde	ed a mem	o dated	January	17, 1989,	to me r	elative t	to his
notify	ing DER	of this	inciden	t. A co	py of the	memo is	attached	to this	report.
								was made	by me
in an a	ication	to locat	e any t	ype of 1	nformatio	on which c	ould aid	in this	
invest	igation,	with ne	gative	results.					
	NAME AND ADDRESS OF THE OWNER, WHEN								

						Mark Control of the second of			
2 UNFOUNDED D C	LEARED	B. PERSO	N PREPARING 8	REPORT (PRINT)	TYPE & SIGN)	EMPLOYEE	NO V	VORK LOCATION	WORK PHONE
	LEARED		N PREPARING F		TYPE & SIGN) A.F. M.A.G.	EMPLOYEE N		VORX LOCATION	WORK PHONE 8974
UNFOUNDED DC		And		Mollura	A.E. Moly	1	1		

11.0

INTER-OFFICE MEMORANDUM

PENELEC / GPU

LOCATION MO-4

1341d

DATE January 17, 1989

FROM J. L. Greco

TITLE Manager, Environmental Affairs

PHONE 533-8605

SUBJECT Alleged Disposal of Radioactive Waste in the Williamsburg Ash Disposal Site

TO FILE

CONFIDENTIAL

On January 13, I discussed the situation with Mike Steiner, Solid Waste Manager, Harrisburg Region PaDER. I explained to Mr. Steiner that a former employee had alleged that waste material from SNEC was disposed of in the Williamsburg ash disposal site. As I explained to Mr. Steiner, the former employee did not state the waste was radioactive, only that it came from SNEC. I told Mr. Steiner that Penelec had responded to this allegation in two manners:

- A trained nuclear technician walked the entire old ash disposal site and btained radiation readings. In no case did these readings exceed normal background for the area.
- The four groundwater monitoring wells around the Williamsburg disposal site (one upgradient, 3 downgradient) were sampled and the water analyzed at TMI laboratory. The results from these water analyses were negative.

I concluded by telling Mr. Steiner that Penelec believes the allegations to be false, but is investigating them completely and will take all appropriate action. Additionally, I stated GPU Nuclear Corporation was assessing the situation, providing Penelec assistance, guidance, and direction on the entire effort, and would instruct us if any future activities were necessary.

I also informed Mr. Steiner that the NRC had been contacted by GPUNC and were made aware of this allegation.

I promised to keep Mr. Steiner abreast of the situation and aware of any significant events which might occur.

trl

cc: Mr. E. R. Cathcart
Mr. A. E. Nollura

(112)

Penelec GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

Other 5 SUSPECT D LEGAL ACTION					3 DATE DCC	URRED	4. VICTI	M	
D LEGAL									
THE RESERVE OF THE PARTY OF THE	NAME (LAST.	FIRST, MIDOLE				ADDRESS			PHONE
	RACE	SEX	006	AGE	HEIGHT	WEIGHT	HAIR	EYES	GOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC EMPLOTEE		WORK LO	CATION	R	SMON	EMPL	OYEE NO.	SUPERVISOR
8 NARRATIVE-LIST	ALL RESULTS OF A	DOTTORAL INV	ESTIGATION AN	D ADDITIONAL	INFORMATION FR	OM ABOVE BLOCKS			
Or	January	25, 198	9. the f	ollowin	ng investi	gation was	s conduc	ted.	
						ecember 2			ten
memo w	which he s	ent to	Mr. Herb	ein reg	parding th	is incider	nt. Mr.	CC	
Statio	on at the	time th	is incid	ent occ	curred. M	ir. €C	stated	that he	
CC	stated	that Mr	. BE	told h	nim (Mr.	CC) th	nat Mr.	AA	
it was	speculat	someone tion tha	t the st	ruggle	was with	mr. G	G	indicate	d that
						as the par			
Superi	intendent.	can no	t be int	erviewe	ed due to	the fact	that he	is deceas	ed,
T	ne follow	ing docu	ments ar	e attac	hed to th	is report			
A	ttachment	I - Sp	ecificat	ion PE	- Saxton	- 115. ti	tled "Re	moval of	a11
Ec	quipment a	and Demo	lition o	of Saxto	on Power I	lant"			
						Kovalchick		e Company	, from
A:	ttachment	II-B -	Letter o	larify	ing Attac	nment II-A	to Jose	ph Kovalc	hick
fr	rom <i>E</i>	E	dated 3	lanuary	15, 1975				
	ttachment	III - M	lemo prep	pared by	v 77	MATERIAL PROPERTY AND PERSONS ASSESSMENT	rtaining	to the	The state of the s
A1		f the Sa	yton Ger		7 W W	J , pe			
A	rngress n		استلا اط السالة المعاملة الما	nerating	Station	J , pe demolitio	n, dated	November	25,
- PI	rngress n 975	Later Add		nerating	Station	J , pe demolitio	n, dated	November	25,
DI 15	975 ttachment	I conta	ins the	specif	Station	demolitio	n, dated	November	
A1	975 ttachment ective bi	I conta	ins the	specif	cations,	which was	given t	November	The
At prosps	975 ttachment ective bid ent instr	I conta	ins the	specifi smantl	cations, ications, ing of the	which was Saxton S was to be	given t	to all ver Plant.	The
Ar prosper docume only !	ttachment ective bid ent instri provision	I conta dders, c ucts tha s for th	ins the	specifi smantli the Saxi	cations, ing of the ton Plant s that al	which was Saxton S was to be	given i team Pow dismant	November to all ver Plant. tled and t	The he
prosper docume only prosper struct	ttachment ective bis ent instri provision tures mus	I conta dders, c ucts that s for the	ins the dint only ine SNEC appear prof	specifi smantli the Saxi trea was tected.	ications, ing of the ton Plant s that all The doc	which was saxton S was to be related ument furt	given i team Pov dismant equipmen	November to all ver Plant. tled and to	The he
prosper docume only struct	ttachment ective bid ent instri provision tures mus rization	I contadders, coucts that s for the thave to for all	ins the did not only in SNEC above material	specifi [smant] the Sax area wa tected.	ications, ing of the ton Plant s that al The doc ng the si	which was Saxton S was to be	given i team Pov dismant equipmen her requ Penelec	November to all ver Plant. tled and to	The he
prosper docume only struct	ttachment ective bid ent instru provision tures mus rization eer. (RE	I contadders, coucts that s for the thave to for all:	ins the dit only in SNEC appear protomaterial	specifismantlithe Saxiarea waitected.	ications, ing of the ton Plant s that al The doc ng the si	which was saxton S was to be related ument furt te by the	given the dismant equipment her requirement, 1989)	November to all ver Plant. tled and to	The he
prosper docume only prosper contract author engine	ttachment ective bid ent instru provision tures mus rization eer. (RE	I contadders, coucts that s for the thave to for all : Mr.	ins the dit only in SNEC appear protomaterial	specifismantlithe Saxiarea waltected. I leavily state Memori (PRIN Mollura	ications, ing of the ton Plants that all The docing the sigment of	which was a Saxton S was to be related ument furt te by the January 23	given the dismant equipment her requirement, 1989)	November to all ver Plant. tled and to it and vired writ project	The he ten
prosper docume only struct author engine	ttachment ective bid ent instri provision tures mus rization eer. (RE	I contadders, coucts that s for the thave the for all : Mr.	ins the dit only in SNEC abeen protomaterial	specifismantlithe Saxiarea waltected. I leavily state Memori (PRIN Mollura	ications, ing of the ton Plants that all The document of the signment of the s	which was a Saxton S was to be related ument furt te by the January 23	given team Powdismantequipmenter requipmenter, 1989)	to all ver Plant. cled and to and vired writ project	The he ten

Penelec GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NUMBER

89-WM-2

contract for the re	A notified Kovale	ition of Penel	that it was av	warded the team Generating
Station, pursuant	to Attachment I.			
53310				

ATTACHMENT I

SPECIFICATION

PE-SAXTON-115

REMOVAL OF ALL EQUIPMENT AND DEMOLITION OF SAXTON POWER PLANT

PENNSYLVANIA ELECTRIC COMPANY

SAXTON STEAM ELECTRIC STATION SAXTON, PENNSYLVANIA

> Addendum "A" November 15, 1974 FF

Replace Items for 01 and Sub-Items 4:01.2-2, 4:01.2-3, 4:01.2-6, 4:01.3, 4:02.4, 4:04.2, 4:04.9, 4:06.1. Add 4:06.4, 4:10.5

4:01 Scope of Work

- 4:01.2 2. The intake and discharge tunnels must be completely plugged. Small debris and brick can be used, but must be capped with a 6" slab of 3,000 psi concrete. The steel grating can be used as reinforcing the concrete slab.
 - 3. Remove flash boards from the dam in such a manner that no safety hazard will exist. Breach a 20 to 30' area from the dam to allow fish migration.
 - 6. Remove all scrap and debris from wall to wall and basement floor to ceiling. Backfill all holes; material from the building can be used. Any additional material required can be taken from site specified by Penelec.
- 4:01.3 The present plant water will remain until the final stages of the phase-out.
- 4:02.4 The use of explosives of any kind for demolition WILL NOT be permitted in the plant area. The only area where explosives can be used will be in the dam breaching area. These charges must be controlled charges and will be the CONTRACTOR'S responsibility and liability.
- 4:04.2 The crane will become the property of the successful bidder and will be used by the bidder at his own discretion.
- 4:04.9 It is the intent and purpose of this specification to cover the complete disaantling of the Saxton power plant including water inlet and outlet, back filling, chimney removal, coal conveyor and equipment removal to be removed to ground grade. The coal conveyors are requested to be removed first to alleviate any liability created between attractive nuisances which they present.
- 4:06. Equipment, Material and Supplies Furnished by OWNER
- 4:06.1 The following equipment shall be furnished by others than the CONTRACTOR.
 - 1. The overhead cram will be the property of the successful bidder and will be used at his discretion.

- 4:06.3 All water li: shall be drained by Penelec, spt turbine pump which will be used in an isolated condition for fire protection.
- 4:06.4 The electrical supervisor system must stay energized until June 1, 1975 before de-energizing arrangements must be made by the Penelec representative and the CONTRACTOR.
- 4:10.5 The existing basement elevation 780 shall be finish graded to 811 all sump holes and pits in the basement shall be filled to finish elevation 811 with stone, brick and covered with one foot of good earth material and seeded.

INTER-OFFICE MEMORANDUM

December 10, 1974

swince Minutes of Meeting

Saxton Generating Station Specification FE-SAX-11599-443

MR. R. W. CONRAD MO-3

A meeting was held on December 9, 1974, in the third floor conference room with the following Penelec people present:

FF - Division Mechanical Engineer - Generation
EE - Manager - Power Stations
ZZ - Superintendent - Stores
KKK - Purchasing Agent

CCCC - Manager - Purchasing

This meeting was held to discuss the Saxton Power Plant demolition bids. Bids were received from seven (7) vendors. They are as follows:

Contractor	Base Bid	Alternate Bid	SNEC Equipment
O. C. Brown	Cost Penelec	All Scrap	
Tri-State	Pay Penelec	Pay Penelec	
Monongahela	Cost Penelec	Cost Fenelec	
Kovalchek		Pay Penelec	
Norelco	Cost Penelec	Cost Penelec	
Penn Ohio/ Burt Green Co.		Pay Panelec with the 40-60 joint venture with a maxi- mum cost of	
Krentzman	Cost Penelec	Cost Penelec	

tracking - impany -

/119

NUMBERING ERROR -- PAGE NUMBERS STOP AT 119 AND CONTINUE AT 220

Following this short meeting with company people, we met with Penn Ohio Demolition and Burt Green Company to have Mr. Green review his proposal in detail so we could make a decision on his option. The following people were in attendance:

Joe Clossey
John Pizzuto
Burt Green
Steve Carroll
James Rudolph

Penn Ohio Demolition Penn Ohio Demolition B. Green and Company B. Green and Company

B. Green and Company

This meeting was requested by John Pizzuto and Burt Green to review in detail their proposal for the demolition of the said station.

Mr. CCCC opened the meeting and asked Mr. Burt Green to go over his proposal in detail. Mr. Green explained their proposal for the demolition. A pre-payment of would be received from the B. Green Company before any work is started. The equipment as it is removed and sold or disposed of would be kept inventoried, and a joint participation between Penelec and B. Green Company on a 40-60 basis would be initiated on the disposition proceeds realized from the equipment and material. It is estimated that between and worth of equipment is in this plant. On this basis, Penelec would receive the most money for equipment. For example, less removal costs gives a net gain of Forty percent of this will net Penelec From this we deduct the pre-payment, and there is an additional gain.

Mr. Green felt that the timetable for this work would be four to five months. He also said that all the weigh slips would be open to constant audit by Penelec. It was agreed by all present that this would be the most feasible way to go and net Penelec the most gain for the equipment.

Bids for SNEC range from a low bid of to an unrealistic bid of with one bid at We feel that the bids of , and would be bids that should be looked at to determine a fair value for the SNEC equipment. An average would be which we feel should be offered to the Borough of Saxton for the SNEC equipment.

Please review the minutes of this meeting and advise our office of your recommendations so the timetable for the abandonment of the Saxton Station can be carried out on schedule.

CCCC

LLD/omw

00:

TT YY

T. L. Carroll

uu

GG

XX

MMM

VV

EE

22

KKK

FF

220

		P CHASE R	EQUISITION
***** 1400 #1 40 50 BUTE#	Substitute of a substitute tax (Street fax)	TERMS ITEMS	TES-630-SAX
DELIVERY REQUIRED	DHIE VIA	/ 0 &	SUR STORE NO.

BILL TO

TO BE SHIPPED TO: PENNSYLVANIA ELECTRIC COMPANY

PENNSYLVANIA ELECTRIC CO. 1001 BROAD STREET JOHNSTOWN, PA. 15907

ACCOUNT DE NO NO NO. QUANTI	TY 01 /	MATERIAL DESCRIPTION OR SERVICE	TO BE USED FOR
		Penn Ohio Demolition Company 1009 Johnstown Dank & Trust Johnstown, PA 15901 Attn: John Pizzuto	
		Johnstown Construction & Demolition 809 Cooper Avenue Johnstown, PA 15907	
		Sitkin Smelting & Refining Lewistown, PA 17044	
		Kovalchek Indiana, PA	
		The bidders are asked to review the Scope of Work with our Mr. FF at the Saxton Station on November 12, 1974. at 10:00 a.m.	
		The due date for receipt of the bids is 12:00 noon, Eastern Standard Time on November 20, 1974, or sooner.	
		Please refer any questions in regard to this Specification to Mr.	
PRIVATEDBY		171 /2/2). XX -	2412
APPROVED BY		DATE APPROVED BY	DATE

West of the said

PC-/ Rav. 57

SPECIFICATION #PE-SAX-115 REMOVAL OF ALL EQUIPMENT & DEMOLITION OF SAXTON POWER PLANT

Pennsylvania Electric Company Saxton Steam Electric Station Saxton, Pennsylvania

SECTION I

INSTRUCTIONS TO BIDDERS

INDEX

<u>Item</u>	Title	Page
1:01	Invitation	1-1
1:02	Interpretation of Contract Documents	I-l
1:03	Work	I-1
1:04	Examination of Site, Drawings & Specifications	I-1
1:05	Performance Time	I-2
1:06	Submission of Proposals	I-2
1:07	Addenda	I-3
1:08	Performance Bond & Labor & Material Payment Bond	1-4
1:09	Qualifications of Bidders	I-4
1:10	Acceptance of Proposal	I-4
1:11	Award of Contract	I-5
1:12	Cost Breakdown	1-5
1:13	Data Required with Proposal	I-5



- 1:01 Invitation
- 1:01.1 Proposals are hereby requested for the furnishing of all the material, labor, cranes, rigging, scaffolding, supervision, and equipment necessary for the complete removal of the Saxton Power Flant equipment and machinery including water gates and chimneys.
- 1:01.2 Proposals will be received not later than 12:00 Noon, on the date set forth on the Quotation Request.
- 1:02 Interpretation of Contract Documents

The Proposals shall be in accordance with all requirements set forth in the CONTRACT DOCUMENTS. If any bidder is in doubt as to the true meaning of any part of the CONTRACT DOCUMENTS, he may submit to the OWNER a written request for an interpretation thereof. The bidder submitting the request shall be responsible for its prompt and actual delivery. Any interpretation of such documents will be made ally by Addendum duly issued. A copy of such Addendum shall be mailed or delivered to each bidder receiving a set of CONTRACT DOCUMENTS. The OWNER will not be responsible for any other explanations or interpretations of the CONTRACT DOCUMENTS which anyone presumes to make on behalf of the OWNER.

1:03 Work

The WORK to be performed under this Contract is described in detail in the CONTRACT DOCUMENTS. It is intended that the CONTRACTOR shall furnish all labor, supervision, tools, supplies, equipment, temporary or permanent buildings, transportation, services and materials required to complete the WORK, unless otherwise specified.

- 1:04 Examination of Site, Drawings and Specifications
- 1:04.1 It is the responsibility of the bidder to examine the site to determine the nature and location of the WORK. The OWNER will have a representative at the site to confer with the bidder.
- 1:04.2 The bidder shall carefully examine the Drawings, Specifications and all other documents and data pertaining to the WORK and become familiar therewith. The CONTRACTOR shall not at any time after acceptance of his proposal make any claims whatsoever alleging insufficient data or incorrectly assumed conditions, nor shall he claim any misunderstandings with regard to the nature, conditions or character of the WORK to be done under the Contract.

- 1:04.3 The CONTRACTOR shall assume all risks resulting from any changes in the site conditions during the course of the WORK, except these changes caused by acts of the OWNER.
- 1:04.4 Information regarding site conditions contained in the Drawings and Specifications, including but not limited to subsurface conditions, high water marks and topographic conditions, is the information available to the OWNER at the time of preparation of the Drawings and Specifications, and the OWNER does not make any warranty as to the accuracy or completeness of such information.
- 1:05 Performance Time

WORK must be started within seven (7) calendar days after acceptance of the CONTRACTOR's Proposal or receipt of notice to proceed and must be prosecuted to complete specific phases of the WORK.

- 1:06 Submission of Proposals
- 1:06.1 Proposals shall be submitted on forms supplied with this Specification.

 The Proposal Form shall be filled out completely, with the exception of the price(s) requested. Proposals may be accompanied by supplemental information pertinent to the material and WORK which the bidder deems of interest.
- 1:06.2 Proposals shall be drawn in the name of Pennsylvania Electric Company, Johnstown, Pennsylvania, and shall be enclosed in opaque sealed envelopes, marked and addressed as follows:

"Proposals for removal of all equipment and demolition of Saxton Power Plant, Saxton Steam Electric Station, Saxton, PA.

Original priced copy to:

Pennsylvania Electric Company 1001 Broad Street Johnstown, Pennsylvania 15907

Attention: Mr. CCCC Manager of Purchasing

Two (2) copies, exclusive of prices to:

Pennsylvania Electric Company 1001 Broad Street Johnstown, Pennsylvania 15907

Attention: Mr. XX
Division Superintendent
Project Engineering

Pennsylvania Electric Company 1001 Broad Street Johnstown, Pennsylvania 15907

Attention: Mr. VV
Generation Division Engineering

- A separate Price Letter shall be submitted quoting price(s) for the Base Proposal together with any other pricing information the Bidder wishes to have remain confidential. The original and four copies of the Price Letter shall be sent to Mr. CCCC, Manager of Purchasing, Pennsylvania Electric Company, not later than the time specified for the receipt of Proposals. A copy of the Price Letter with prices deleted shall be submitted with each copy of the Proposal Form. Any differential prices for Alternate Proposals, terms of payment, and escalation shall be stated in the Base Proposal, so they will be available for evaluation purposes.
- 1:06.4 The Bidder shall include in his price quotation(s) all the necessary costs for overtime labor (if any) he may require to perform the WORK in accordance with scheduled starting and completion dates set forth in his Proposal.
- 1:06.5 Time is an essential element of this Contract and the Bidder shall agree in his Proposal that the progress of his WORK will be such that he will comply with the scheduled starting and completion dates as set forth therein.
- 1:06.6 Where bid prices are given in words and figures, the words will be considered correct in case of any discrepancy. However, if the words are illegible, the figures will be considered correct.
- 1:05.7 The Bidder shall advise the OWNER of the number of square feet of space he requires on the site for his construction building(s) and for the storage of his material and equipment. The size and location of these areas for construction buildings and storage will be approved by the OWNER prior to the award of the Contract.
- 1:06.8 An adequate field organization shall be furnished and maintained by the successful bidder for the purpose of performing the WORK included in this Contract.
- 1:07 Addenda
- 1:07.1 Addenda may be issued prior to the receipt of bids to provide for:
 - 1. Modification in drawings and specifications.
 - 2. Clarification and interpretation of CONTRACT DOCUMENTS.
- 1:07.2 Receipt of Addenda shall be acknowledge on the Proposal form.

- 1:08 Performance Fond and Labor and Material Payment Bond
- The CONTRACTOR shall, if requested by the OWNER, upon the signing and delivery of the Contract, furnish a performance bond with corporate surety guaranteeing that the WORK will comply with the CONTRACT DOCUMENTS. This bond shall be effective from the date of the Contract until one year after the date of final acceptance of the WORK. The performance bond shall be in the amount of one-hundred percent (100%) of the Contract Price.
- The CONTRACTOR shall furnish, if requested by the OWNER, in addition to the performance bond and upon the signing and delivery of the Contract, a labor and material payment bond with corporate surety guaranteeing prompt payment for all material furnished and labor supplied or performed in the prosecution of the WORK, whether or not the said material or labor enter into and become component parts of the WORK or improvement contemplated in the CONTRACT DOCUMENTS. The said bond shall be in the amount of one-hundred percent (100%) of the Contract Price.
- 1:08.3 The CONTRACTOR will be reimbursed for the premiums for the aforementioned bonds, if they are requested. These premiums are to be listed in the Proposal in the space provided and are not to be included in the Contract Price.
- 1:09 Qualifications of Bidders
- 1:09.1 In determining the successful bidder, the following conditions, among others, will be considered. Whether the bidder:
 - (a) Maintains a permanent place of business
 - (b) Has adequate equipment to do the WORK properly and expeditiously
 - (c) Has suitable financial status to meet obligations incident to the WORK
 - (d) Has had experience on projects of similar character and magnitude
- 1:09.2 The OWNER may require the bidder to furnish proof of the foregoing.
- 1:10 Acceptance of Proposal
- 1:10.1 The OWNER expressly reserves the right to reject any or all Proposals, to waive any informalities or irregularities in the Proposals received and to accept that Proposal which in his judgment best serves his purpose.

1:11 Award of Contract

- 1:11.1 The contracting parties will be the OWNER and the CONTRACTOR whose Proposal is accepted.
- 1:11.2 Acceptance of the bidder's Proposal by the OWNER and his signature thereon shall constitute a Contract between the contracting parties.

1:12 Cost Breakdown

1:12.1 The successful bidder will be required to furnish the OWNER with a breakdown of his bid and subsequent monthly billing by accounts in accordance with the "Federal Power Commission's Classification of Accounts."

1:13 Data Required with Proposal

The Bidder shall attach to his Proposal Form the following data and information:

- Any exceptions which he may take to this Specification. The reason for such exceptions shall be given, and a detailed description of alternates shall be provided. Any resulting price changes shall also be listed.
- A 1 of field personnel, including the job classifications and the name(s) of supervisory personnel, that shall be furnished and maintained to adequately perform the WORK.
- 3. A schedule of overtime pay rates for all classifications of personnel which will apply to the execution of this Contract, should the use of such overtime be requested by the OWNERS for their convenience or for accelerating the construction schedule set forth herein.
- 4. A list showing the source and description of all materials and equipment which would be used by him in the performance of this Contract; he shall designate any materials or equipment to be supplied outside the U.S.A.
- 5. A descriptive list of the major items of construction equipment which he proposes to use in performing the WORK. This list shall set forth the quantity as well as a description of the various items of equipment.
- A simplified Critical Path Method, arrow diagram or a bar graph indicating the length of time required to complete each phase of the WORK.

SECTION II

GENERAL CONDITIONS

INDEX

Item	Title	Page
2:01	Definitions	II-1
2:02	Drawings and Specifications	II-2
2:03	Independent Contractor	II-2
2:04	Subcontracts	II-2
2:05	Relations of Contractor and Subcontractors	II-3
2:06	Separate Contracts	II-3
2:07	Items and Services to be supplied by the Contractor	II-3
2:08	Layout of Work	II-4
2:09	Fishing Utili des and Plant	II-14
2:10	J. dictional Disputes	II-4
2:11	Superintendence	II-4
2:12	Identification	II-5
2:13	Laws and Regulations	II-5
2:14	Patents	II-5
2:15	Taxes - Other than Pennsylvania Sales & Use Tax	II-5
2:16	Permsylvania Sales and Use Tax	II-5
2:17	Permits and Licenses	II-6
2:18	Local Labor and Labor Rates	II-6
2:19	Workmen's Compensation	II-6
2:20	Health & Safety	II-6
2:21	Protection of Work and Property	II-7
2:22	Location and Protection of Existing Utilities	П-

_tem	Title	Page
2:23	Use of Roadways	II-7
2:24	Signs	II-7
2:25	Cleaning Construction and Storage Area	II-8
2:26	Use and Storage of Explosives	II-8
2:27	Samples and Descriptive Data	II-8
2:28	Hold Harmless Agreement	II-8
2:29	Lines and Grades	II-8
2:30	Equipment and Materials	II-9
2:31	Inspection of Work	II-9
2:32	Approval of Work	II-9
2:33	Shop and Erection Drawings	II-9
2:34	Record Drawings	II-10
2:35	Changes in Work	II-10
2:36	Night, Sunday and Holiday Work and Premium Time Work	11-12
2:37	Time of Completion - Extensions	II-12
2:38	Delays - Cancellacion of Contract	II-12
2:39	Demurrage	II-13
2:40	Application for Payments	II-13
2:41	Payments	II-13
2:42	Payments Withheld	7-13
2:43	Contractor's Affidavit	II-14
2:44	Possession Prior to Completion	II-15
2:45	Correction of Work before Final Payment	II-15
2:46	Correction of Work after Final Payment	II-15
2:47	Liens	II-15
2:48	No Waiver	II-16
2:49	Assignment	II-16
2:50	Acceptance and Final Payment	II-16

Item	Title	Page
2:51	Anti-Discrimination Clause	II-1
2152	Waiver of Liens Agreement	II-1
2:53	Increase of Working Force and Equipment	II-1
2:54	Security Regulations	II-1

2:01 <u>Definitions</u>

As used throughout the CONTRACT DOCUMENTS, the following terms shall have the meanings set forth hereinafter:

- OWNER for the intents and purposes of the CONTRACT DOCUMENTS shall mean the Pennsylvania Electric Company.
- CONTRACTOR shall mean a successful bidder for the WORK who will undertake the performance of the WORK required by the Contract.
- 3. CONTRACT DOCUMENTS shall mean all Drawings. Specifications. Addenda, and Revisions thereto as prepared by the OWNER and/or their Agents and issued by the OWNER, the Invitation to Bid or Advertisement (if any), the CONTRACTOR'S Proposal, and manufacturers' drawings as approved, all of which are a part of the CONTRACTOR'S Contract with the OWNER. These CONTRACT DOCUMENTS are complimentary, and what is called for by any one of them shall be as binding as if called for by all. Any conflicts in the CONTRACT DOCUMENTS shall be resolved by the OWNER.
- 4. EQUAL shall mean equal as at about to war ... IR.
- 5. WORK shall mean labor, services, was rials, and equipment as set forth in the CONTRACT DOCUMENTS.

- 2:02 Drawings and Specifications
- 2:02.1 Unless otherwise provided in the CONTRACT DOCUMENTS, the OWNER and manufacturers will furnish Drawings and/or Specifications indicating necessary locations, elevations, arrangement of apparatus, necessary design details of installation and construction and shall give such information as may be required for the proper execution of the WORK.
- 2:02.2 The Drawings and Specifications furnished to the bidders may be subsequently revised or supplemented as may be deemed necessary by the OWNER to obtain a complete installation. Copies of Addenda describing such changes will be forwarded to all bidders prior to the bid date and to the CONTRACTOR after signing of the Contract.
- 2:02.3 All WORK called for in the Specifications and not shown on the Drawings or shown on the Drawings and not called for in the Specifications shall be executed and furnished by the CONTRACTOR as if described in both these ways. Unless otherwise specified in the CONTRACT DOCUMENTS, it is the intent of this Contract that the CONTRACTOR furnish a complete installation and should any WORK be required which is not described in the Specifications or Drawings but which is nevertheless necessary for carrying out the intent thereof, the CONTRACTOR shall perform such WORK as fully as if it were completely described and included therein.
- It shall be the duty and responsibility of the CONTRACTOR to notify the OWNER, without delay, of any errors, omissions, or discrepancies which the CONTRACTOR may discover in the Drawings and Specifications, and the CONTRACTOR shall in no case proceed with the WORK when he is uncertain as to the requirements thereof. If the CONTRACTOR is uncertain of the requirements of the WORK he shall request instructions from the OWNER.
- 2:03 Independent Contractor
- 2:03.1 It is the intent of this Contract that the relationship of the OWNER and CONTRACTOR be that of "owner and independent contractor". The means and methods employed for performing the details of the WORK shall be the CONTRACTOR'S responsibility, subject to suggestions or ap roval by the OWNER as may be necessary to safeguard the character or results of the WORK. All WORK shall be done in the order required by the OWNER's construction program and to coordinate with the different classes of WORK to the best advantage.
- 2:04 Subcontracts
- Unless otherwise called for in the CONTRACT DOCUMENTS, the CONTRACTOR shall submit with his Proposal the names of subcontractors proposed for principal parts of the WORK. The CONTRACTOR shall not change any of the subcontractors named in his Proposal without the written consent of the OWNER. As the WORK progresses, the CONTRACTOR may engage additional subcontractors and shall submit their names to the OWNER, in writing, before their WORK is to be started. The CONTRACTOR shall not award any work to any subcontractor without prior approval of the OWNER.

- The Chier reserves the right to reject any subcontractors, whether named in the Proposal or otherwise offered by the CONTRACTOR.
- If, after acceptance of the CONTRACTOR's Proposal, the CONTRACTOR requests a change of subcontractors named in his Proposal, such request shall be in writing setting forth the reason therefore and the amount by which the Contract Price shall be increased or decreased by the difference in cost occasioned by the change. If, after acceptance of the CONTRACTOR's Proposal, the OWNER shall in writing require the change of any subcontractors, the Contract Price shall be increased or decreased by the difference in cost occasioned by the change.
- 2:04.4 The CONTRACTOR agrees that he is as fully responsible to the OWNER for the acts and omissions of his subcontractors and of persons either directly or indirectly employed by them as he is for the acts and omissions of persons directly employed by him.
- 2:04.5 Nothing contained in the CONTRACT DOCUMENTS shall create any contractual relation between any subcontractor and the OWNER.
- 2:05 Relations of Contractor and Subcontractors
- 2:05.1 The CONTRACTOR agrees to bind every subcontractor and every subcontractor shall be bound by the terms of the CONTRACT DOCUMENTS so far as applicable to his WORK, unless specifically noted to the contrary in a subcontract approved in writing by the OWNER.
- 2:06 Separate Contracts
- 2:06.1 The OWNER reserves the right to let other contracts in connection with this project. The CONTRACTOR shall afford other contractors reasonable opportunity for the introduction of their materials and the execution of their WORK, and shall properly connect and coordinate his WORK with theirs.
- 2:06.2 If any part of the CONTRACTOR's WORK depends upon the WORK of any other contractor, the CONTRACTOR shall inspect and promptly report to the OWNER any defects in such WORK that render it unsuitable for proper execution of the CONTRACTOR's WORK. His failure so to inspect and report shall constitute an acceptance of the other contractor's WORK as fit and proper for the reception of his WORK.
- 2:07 Items and Services to be Supplied by the Contractor
- 2:07.1 Unless otherwise specified, the CONTRACTOR shall provide and pay for all materials, labor, supervision, tools, equipment, transportation and other services and facilities necessary for the execution and completion of the WORK.
- 2:07.2 Unless otherwise specified, all materials shall be new and both materials and workmanship shall be of the best quality, and shall be subject to the approval of the OWNER.

2:08 Layout of Work

- 2:08.1 The CONTRACTOR shall visit the site prior to the start of his WORK to review conditions of the project and consult with the OWNER as to the best location for setting up his construction buildings and related facilities so as to expedite the installation of his WORK.
- 2:08.2 The CONTRACTOR shall acknowledge, when the nature of WORK warrants. that he has investigated and satisfied himself as to the conditions affecting the WORK, including but not restricted to those bearing upon transportation, disposal handling, and storage of materials; availability and quality of labor, water, electric power; availability and conditions of roads, climatic conditions and seasons; river hydrology and river stages, physical conditions at the job site and the project areas as a whole; job site topography and ground surface conditions, and the character of equipment and facilities needed preliminary to and during the performance of the WORK.
- The CONTRACTOR further acknowledges, when the nature of WORK warrants, that he has satisfied himself as to the character, quality, and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the job site including all exploratory work done by the OWNER or his Agent, as well as from information set forth in the CONTRACT DOCUMENTS. Any failure by the CONTRACTOR to acquaint himself with the available information shall not relieve him of the responsibility for properly estimating the difficulty or cost of successfully performing the WORK. The OWNER or his Agent will not be responsible for any deductions, interpretations or conclusions made by the CONTRACTOR on the basis of any information made available by the OWNER, or his Agent.

2:09 Existing Utilities and Plant

2:09.1 All WORK requiring changes to or affecting the existing plant or utilities, or affecting their operation, shall be done in a manner and time approved by the OWNER. Requests to do such WORK shall be submitted to the OWNER prior to the time that such WORK is to be performed.

2:10 Jurisdictional Disputes

2:10.1 The CONTRACTOR shall settle any juxisdictional disputes as soon as possible and take the necessary precautions to hold all disputes to a minimum.

2:11 Superintendence

The CONTRACTOR and each subcontractor shall provide proper attention to the WORK and each shall keep a competent superintendent on the project, who shall represent him. The superintendents shall be satisfactory to the OWNER. The superintendents shall be duly authorized to receive and act up - notices, directions and instructions. The CONTRACTOR and his subcontractors shall enforce strict discipline and good order among their employees, and shall not employ any unfit or inadequately skilled person for this WORK.

- 2:12 Identification
- 2:12.1 The CONTRACTOR and his subcontractors shall furnish suitable and approved identification to be worn in plain view by all their employees while on the OWNER's premises.
- 2:13 Laws and Regulations
- 2:13.1 The CONTRACTOR shall comply with all laws, ordinances, codes and regulations relating to the WORK including applicable regulations for safety and health as promulgated by the Secretary of Labor under the Occupational Safety and Health Act of 1970. Should the CONTRACTOR become aware of any violations of any laws, ordinances, codes or regulations, he shall promptly notify the OWNER in writing. If the CONTRACTOR performs any WORK in violation of such laws, ordinances, codes and regulations, he shall be responsible for all penalties and costs incurred.
- 2:14 Patents
- 2:14.1 The CONTRACTOR shall be responsible for all royalties, fees or claims for any patented device, process or procedure used, installed or provided by him. He shall defend any suit that may be brought against the OWNER and shall hold the said OWNER harmless from any liability for infringement of any patent pertaining to any device, process or procedure used, installed or provided by the CONTRACTOR under this Contract.
- 2:15 Taxes Other Than Pennsylvania Sales & Use Tax
- 2:15.1 The CONTRACTOR shall be responsible for the payment of all taxes pertaining to the WORK which are in effect at the time of submission of bids. Any taxes pertaining to the WORK imposed after the bid has been submitted, will be borne by the OWNER. Taxes shall include any and all federal, state or local taxes, which are applicable to the WORK. Should the OWNER be exempt from payment of any such taxes, the exemption shall be noted in the CONTRACT DOCUMENTS and such exempt taxes shall not be included in the bid price.
- 2:16 Pennsylvania Sales and Use Tax
- 2:16.1 In accordance with the Pennsylvania Tax Reform Code of 1971 approved by the Governor 3-4-71, this bid should include Pennsylvania Sales and Use Tax on materials/equipment to be purchased by the CONTRACTOR for incorporation into or use in constructing facilities described in this Specification. All bidders should note that all small tools, construction equipment and consumable supplies, previously considered as exempt under the Binkele concept, now are subject to tax, according to the Sales Tax Bureau. However, the CONTRACTOR when furnishing and/or installing machinery, equipment and parts thereof, other than foundations, even though offixed to real estate, or other property which does not lose its identity as tangible personal property, should purchase such property exempt from tax through the use of a resale exemption certificate. The tax eliminated through this method should not then be included in this bid. It is the responsibility of the CONTRACTOR to determine that the machinery, equipment and parts to be purchased and resold to the OWNER will be used directly in utility facilities. Concrete and reinforcing bars used for foundations, until determined otherwise by the courts, are considered taxable.

The CONTRACTOR should be knowledgeable of revised Regulation No. 150 and related necessary forms published by the Sales Tax Bureau implementing the Tax Reform Code of 1971.

The OWNER will execute the certification (Sample Form No. 4 of Regulation 150) when presented by the CONTRACTOR with the required attached listing of exempt purchases. The CONTRACTOR will then use this certification along with his Pennsylvania Sales Tax Exemption Certificate to purchase the exempt items tax free.

2:16.2 The above will also apply to all sub-contractors. Prime CONTRACTOR shall be responsible for informing the sub-contractors of the above stipulation.

2:17 Permits and Licenses

2:17.1 The OWNER shall secure and pay for any and all building permits in connection with the WORK. The CONTRACTOR shall comply with and obtain at his own expense all CONTRACTOR's registrations, licenses or permits, required by all federal, state and local laws, regulatory authorities or commissions.

2:18 Local Labor and Labor Rates

2:18.1 In the performance of the WORK, preference shall be given to local laborers and tradesmen. Not less than prevailing local labor rates for each trade shall be paid by the CONTRACTOR.

2:19 Workmen's Compensation

2:19.1 The CONTRACTOR shall accept, in connection with this Contract, the provisions of the Workmen's Compensation Act and any re-enactments, supplements or amendments thereto, and the CONTRACTOR must insure his liability thereunder or file with the OWNER a certificate of exemption from insurance. The CONTRACTOR shall require the same of his subcontractors.

2:20 Health & Safety

- 2:20.1 The CONTRACTOR shall take all necessary or advisable precautions for the health and safety of all persons and protection of property at, on, or near his WORK. He shall comply with all applicable provisions of federal, state and municipal health and safety laws, building codes and any safety regulations of the OWNER. The CONTRACTOR shall erect and maintain all necessary or advisable safeguards, as required by the conditions and progress of his WORK, for the protection of workmen and the public and shall post danger signs warning against the hazards created by his WORK.
- 2:20.2 In case of an emergency, involving danger to life or property, the CON-TRACTOR may act at his discretion to prevent injury or damage to the threatened life or property.
- 2:20.3 The CONTRACTOR shall maintain his hand tools, machinery, personal protective equipment, etc., in safe operating condition and shall require his subcontractors and individual mechanics to maintain their equipment in the same condition.

- 2:20.4 The CONTRACTOR and his subcontractors shall provide their workmen with safety helmets which must be worn at all times while working on the OWNER's property
- 2:20.5 The CONTRACTOR shall be responsible for the operation of all his equipment and any equipment supplied by the OWNER in such a manner as not to contact power lines and he shall have suitable signs posted on this equipment, in full view of the operators, warning of the hazards of the power lines.
- 2:20.6 The CONTRACTOR shall erect permanent warning signs in the vicinity of all power lines at or near his WORK.
- 2:21 Protection of Work and Property
- 2:21.1 The CONTRACTOR shall protect all WORK and property from damage or loss that may result from the execution of this Contract. Should his WORK be suspended temporarily, the CONTRACTOR shall take such steps as may be necessary or advisable to protect it against damage or loss.
- WORK or property destroyed, damaged or lost, except by act or omission of the OWNER, shall be replaced or repaired to the OWNER's satisfaction at the CONTRACTOR's expense. Should any WORK or property require such replacement or repairing prior to final payment, and the CONTRACTOR shall fail or refuse to replace or repair it in accordance with the CONTRACT DOCUMENTS, the OWNER may replace or repair such WORK or property or reimburse the OWNER thereof and deduct the cost of such replacement, repair or reimbursement from any funds due or to become due the CONTRACTOR under this Contract.
- 2:22 Location and Protection of Existing Utilities
- The CONTRACTOR shall be responsible for determining and/or verifying the location of all existing utilities; including but not limited to water, steam, oil, gas, sewer, telephone and electric conduits and pipes and underground structures which may be encountered during the performance of the WORE. He shall, at his own expense, arrange with the owners of such utilities for locating them. The CONTRACTOR is responsible for providing adequate protection against damage to utilities or other structures encountered during the performance of the WORE.
- 2:23 Use of Roadways
- 2:23.1 For his hauling, the CONTRACTOR shall use only the established roads and such temporary roads as may be necessary for the WORK and as authorized by the OWNER. When necessary to cross curbing, sidewalks, etc., they must be properly protected and if damaged must be restored to their previous condition at the CONTRACTOR's expense.
- 2:24 Signs
- 2:24.1 The premises, during construction, shall be maintained free from any and all advertising and CONTRACTOR's signboards of every kind, except for one sign which may be provided by the OWNER. The CONTRACTOR shall see that no temporary sign or other advertising is exposed on any part of the premises over which he has jurisdiction.

2:25 Cleaning Construction and Storage Area

2:25.1 The cleaning of the construction and storage area will be the responsibility of the CONTRACTOR. The CONTRACTOR shall at the completion of his WORK remove all temporary structures, utilities and services which have been installed for the prosecution of his WORK. All scrap shall be removed from the site of the WORK and moved to the scrap pile on the station site for final disposition by the OWNER unless otherwise directed.

2:26 Use and Storage of Explosives

- 2:26.1 The CONTRACTOR shall notify the OWNER, in writing, before using explosives. Explosives shall be stored, handled and used by the CONTRACTOR as prescribed by the federal, state and local authorities having jurisdiction over such matters. Blasting shall be carried out only by properly qualified licensed personnel. Care shall be taken so as not to make excavations unduly large or irregular nor to unduly disturb the ground so as to make it unstable. If blasting is likely to damage any property or injury to any persons, the CONTRACTOR shall excavate without the use of explosives.
- 2:26.2 The CONTRACTOR shall be responsible for all claims for injury and damage caused by his storage, handling or use of explosives.

2:27 Samples and Descriptive Data

- 2:27.1 Samples and descriptive data, required by the CONTRACT DOCUMENTS, shall be submitted within a reasonable time before use so that inspection and necessary testing can be carried out. Such samples shall be shipped prepaid and delivered as specified. They shall be marked to show the name of the material, name of manufacturer and location of the WORK where the material represented by the sample is to be used. If any sample fails to meet the specified requirements, the OWNER may refuse to consider any further samples from the same manufacturer.
- 2:27.2 Testing of material may be required by the OWNER when and if considered necessary and at the CONTRACTOR's expense. Mill test certificates will be acceptable unless reasonable doubt exists as to the compliance with the specifications of the materials furnished.

2:28 Hold Harmless Agreement

The CONTRACTOR agrees to indemnify and hold harmless the OWNER from any and all liability resulting from bodily injury, including death and damage to property arising out of any act or omission in performance of the WORK undertaken under this Contract. The CONTRACTOR agrees, if requested by the OWNER, to furnish formal separate hold harmless agreements to the OWNER as further evidence of this undertaking, but the failure of the OWNER to request such formal separate hold harmless agreements shall not relieve the CONTRACTOR of his undertaking to indemnify and hold harmless the OWNER as set forth above.

2:29 Lines and Grades

2:29.1 The drawings show minimum reference lines and bench marks which will be established in the field by the JWMER and shall be used by the CONTRACTOR to lay out all his WORK.

2:29.2 The CONTRACTOR shall protect all established reference lines and bench marks. If they are moved or destroyed by the CONTRACTOR, the OWNER may have them replaced at the CONTRACTOR's expense.

2:30 Equipment and Materials

- The CONTRACT DOCUMENTS specify and show certain pieces of equipment and materials deemed most suitable for the service anticipated. This is not intended to eliminate other equipment and materials equally as and efficient. The CONTRACTOR shall prepare his bid on the particular materials and equipment called for. Following the award of the Contract, should the CONTRACTOR desire to use other equipment or materials, he shall submit to the OWNER a written request for such change and state the advantage to the OWNER and the saving or additional cost involved by the proposed substitution. The determination as to whether or not such change will be permitted rests with the OWNER.
- 2:30.2 Each major item of equipment shall be inspected by a manufacturer's representative during installation and upon completion of the project. The CONTRACTOR shall supply the OWNER with a certificate of such inspection.

2:31 Inspection of Work

- 2:31.1 The OWNER shall have access to the WORK at all times for the purpose of inspection. The CONTRACTOR shall provide proper facilities for such access and inspection.
- 2:31.2 The presence of the OWNER shall not in any way lessen the obligation of the CONTRACTOR to comply with the requirements of the CONTRACT DOCUMENTS.

2:32 Approval of Work

2:32.1 All WORK shall be subject to the approval of the OWNER. The CONTRACTOR shall perform all WORK in such a manner as to comply with the CONTRACT DOCUMENTS. The OWNER shall have the authority to stop the WORK whenever such stoppage is necessary to insure proper compliance with the CONTRACT DOCUMENTS.

2:33 Shop and Erection Drawings

- The CONTRACTOR shall submit to the OWNER, for his approval, three (3) copies of all shop and erection drawings, data sheets, etc., required for his WORK. This shall be done with such promptness as to cause no delay in either his WORK or that of any other contractor. These drawings shall be checked and certified, prior to submission and shall contain all required information. The CONTRACTOR shall make any corrections required by the OWNER and file with him seven (7) copies of the corrected drawings.
- 2:33.2 Approved drawings will be so stamped and dated and shall form a part of the Contract. One (1) set of the approved drawings will be returned to the CONTRACTOR. Approval of such drawings shall not relieve the CONTRACTOR of the responsibility for deviations from the CONTRACT DOCUMENTS, nor from responsibilities for errors in shop or erection drawings.

2:33.3 The cost of shop and erection drawings furnithed by the CONTRACTOR and revisions thereof shall be included in the Contract Price.

2:34 Record Drawings

2:34.1 Upon completion of his WORK and before final payment the CONTRACTOR shall submit to the OWNER a complete set of all drawings for the WORK. These drawings shall correctly indicate the WORK "as built" and shall include all modifications of the WORK and additions thereto which have been incorporated. The drawings shall consist of approved prints, legibly marked. These drawings are to become the property of the OWNER. No extra payment shall be made to the CONTRACTOR for the record drawings.

2:35 Changes in Work

- 2:35.1 The OWNER, without invalidating the Contract, may order extra work or make changes by altering, adding to, or deducting from the WORK, the Contract Price being adjusted accordingly. All such WORK shall be performed under the conditions of the original Contract.
- 2:35.2 The OWNER shall have authority to make minor changes in the WORK, not involving extra cost and not inconsistent with the purpose of the project.
- 2:35.3 Except in an emergency endangering life or property, no extra WORK shall be done or change made unless authorized by the CWNER in writing. No claim for an addition to the Contract Price shall be valid unless approved by the OWNER.
- 2:35.4 If the CONTRACTOR claims that any instructions by drawings or otherwise involve extra cost, under this Contract, he shall give the OWNER written notice thereof within a reasonable time after receipt of such instructions and in any event before proceeding to perform the WORK. No such claim shall be valid unless so made.
- 2:35.5 All additions to or deductions from WORK, which will increase or decrease the Scope of Work included in the original Contract, shall be separately priced and invoiced on the basis of unit prices listed in the proposal or subsequently agreed upon, or at the option of the OWNER, on the basis of an estimate of a lump sum price for specific WOHK and subsequent acceptance thereof by the OWNER.
- 2:35.6 Lump sum estimates for additions to or deductions from WORK shall itemize the details of the WORK changes, the quantities and unit prices for materials and labor, and amounts for shipping costs, overhead and profit.
- 2:35.7 Should the OWNER request that additional WORK be performed on a cost plus basis, the CONTRACTOR shall furnish the necessary labor with requisite small tools and/or materials required for performing additional incidental correlated WORK or collateral WORK such as additions to and changes to the original Scope of Work, not covered by items of unit prices, and as directed by the OWNER as follows:

- 1. For this additional WORK, the CONTRACTOR shall be reimbursed for the actual direct cost plus a percentage fee applied to the labor and incidental expense portion thereof and a percentage fee applied to the material portion of the direct cost. Both such percentage fees shall have been indicated on the Proposal Form, at the time of submission of the CONTRACTOR's bid.
- 2. Direct cost of labor shall include job foremen expense,
 Workmen's Compensation insurance contributions, and Social
 Security taxes applicable to the wages of said labor and
 foremen. Direct cost of materials shall be the actual sum
 paid for materials by the CONTRACTOR including transportation
 expense. Direct incidental expenses shall include a prorata
 of premiums for such insurance as may be required by the OWNER,
 in addition to insurance required in connection with labor, and
 specific telegraphic and telephone charges incurred solely on
 account of such WORK. The percentage fee shall cover the
 CONTRACTOR's profit, superintendence, the transportation and
 use of small tools and equipment not susceptible to classification
 under transportation equipment and heavy equipment, taxes, general
 overhead, and other indirect expenses.
- 3. In case any WORK or materials shall be performed or furnished by direction of the OWNER in writing and confirmed by a supplement to the original Purchase Order, for additional correlated WORK, the CONTRACTOR shall, at the end of each day during the progress thereof, furnish to the OWNER daily time slips showing the name or number of each workmen and/or piece of equipment employed thereon, with the time worked, the character of WORK he or it is doing, and the wages or rental prices paid or to be paid; and also a daily memorandum of the materials used on such WORK, showing the amount and character of such material, from whom purchased, and the amount paid or to be paid therefor. If required by the OWNER, the CONTRACTOR shall produce any books, vouchers, records, and memoranda showing the WORK and materials actually paid for and the actual prices therefor. Such daily time slips and memoranda shall not be binding upon the OWNER except insofar as they are reasonable, accurate and pertinent, and if any question or dispute should arise as to the correct cost of such WORK or material, the determination of the OWNER upon such question shall be final and conclusive.
- 4. The amount of labor bonus payments and/or premium payments made to labor on premium time worked shall not be included in total actual direct cost of additional WORK to which percentage fee is applied. Any bonus payments made by the CONTRACTOR for WORK performed shall have prior approval of the OWNER.

- 5. If required by the OWNIR for the performance of related WORK within or in the vicinity of the WORK areas included in the Contract, the CONTRACTOR agrees to furnish, when requested in writing by the OWNIR and confirmed by a supplement to the original Purchase Order, transportation equipment and handling and rigging equipment, such as trucks, lowboys, cranes, hoists, forklifts, tuggers, compressors, welding machines, etc.
- 6. Without limiting any of the other obligations or liabilities of the CONTRACTOR, the CONTRACTOR proposes to provide and maintain, until the WORK is completed and accepted by the OWNER, minimum insurance coverages in accordance with Item 3:02, "Insurance by the Contractor." Certificate of Insurance shall be submitted in triplicate, for approval prior to the commencement of any WORK by the CONTRACTOR.
- 2:36 Night, Sunday and Holiday Work and Premium Time Work
- 2:36.1 No WORK will be permitted at night. Sunday or legal holidays except in the case of emergency. Where no emergency exists, but the CONTRACTOR feels it advantageous to work at night. Sundays, legal holidays or on premium time, the CONTRACTOR shall notify the OWNER at least two (2) days in advance, requesting written permission.
- 2:36.2 Any such WORK performed during the absence of the OWNER or without his authorization will be done at the CONTRACTOR's risk and may be subject to rejection.
- 2:37 Time of Completion Extensions
- 2:37.1 Should the WORK be interrupted or delayed by the OWNER, the time of completion shall be extended in an amount equal to the delay or interruption.
- 2:37.2 If the CONTRACTOR shall be delayed in the completion of his WORK by reason of unforeseeable causes beyond his control and without his fault or negligence, the time for completion of his WORK shall be extended by such time as shall be fixed by the OWNER.
- 2:37.3 To secure any extension of time, the CONTRACTOR must submit a written request to the OWNER, citing specific reasons, explanations and dates. The request shall be submitted promptly after the delay.
- 2:37.4 No extension of time shall relieve the CONTRACTOR from full responsibility for performance of his obligations hereunder, nor shall extension of time be a waiver by the OWNER, of his right to terminate the Contract for abandonment or delay by the CONTRACTOR.
- 2:38 Pelays Cancellation of Contract
- 2:38.1 If the CONTRACTOR refuses or fails to prosecute the WORK or any part thereof, with such diligence as will insure its completion within the time specified or any extension thereof, or fails to complete said WORK within such time, the OWNER may, by written notice to the CONTRACTOR, terminate his right to proceed with the WORK or such part of the WORK

wherein there has been delay. In such event, the OWHER Tay take over the WORK and prosecute the same to completion by CONTRACTOR or otherwise, and the CONTRACTOR and his sureties shall be liable to the OWNER for any excess cost occasioned the OWNER thereby. If the CONTRACTOR's right to proceed is so terminated, the OWNER may take possession of and utilize in completing the WORK such materials, appliances and plant, as may be on the site of the WORK and necessary therefore.

2:39 Desurrage

٤

- 2:39.1 All demurrage on material furnished by the OWNER, caused by the CONTRACTOR's neglect, shall be paid by the CONTRACTOR.
- 2:39.2 All demurrage on the CONTRACTOR's equipment and material, shall be paid by the CONTRACTOR.

2:40 Application for Payments

The CONTRACTOR shall, not later than the tenth (10th) day of each month, submit to the OWNER an estimate of the WORK performed and materials and equipment delivered to the job site for incorporation in the project during the previous month. This estimate shall set forth a schedule of values of the various parts of the WORK completed, including quantities, and be based on the methods of payment and cost breakdown provided in the CONTRACT DOCUMENTS. The estimate shall, if required, be supported by such evidence as to its correctness as '9 OWNER may direct. This may include a CONTRACTOR's affidavit, the form for which is shown under Item 2:43.

2:41 Payments

2:41.1 Not later than thirty (30) days after submission of the approved estimate, the OWNER shall pay the CONTRACTOR ninety percent (90%) of the amount of the statement rendered. The OWNER shall withhold ten percent (10%) of the amount due until final completion and acceptance of the WORK.

Payment of any monthly estimate shall not be deemed to be an acceptance of the WORK covered by the estimate.

2:42 Payments Withheld

- 2:42.1 Independent of the retained percentage provided for, the OWNER may withhold, apply or nullify the whole or part of any monthly statement to such extent as may be necessary to protect the OWNER from loss or possible loss, regardless of the time of discovery thereof, on account of any manner or cause arising under this Contract, including but not limited to the following:
 - (a) Defective work not remedied.
 - (b) Claims filed or reasonable evidence indicating probable filing of claims.
 - (c) Failure of the CONTRACTOR to make payments properly to subcontractors or suppliers for materials, labor or equipment.
 - (d) Damage to another contractor, subcontractor or OWNER or to other properties.
 - (e) Removal from the job site of any material or equipment required for completion of the WORK after partial payment has been made for said material and equipment.

AFFIDAVIT

	Ad I do	MACRI A.A.	
STATE OF	} ss:		
COUNTY OF	5		
		h-1 h-1	
		, being duly sworr	n,
deposes and says	that he is		of
		_ which company has a Contract with to	he
-		bearing date	-
covering the			
		the said	
		id in full, at the prevailing recogniz	
		Specifications and CONTRACT DOCUMENTS,	
		formed and materials furnished in con-	
		of said WORK, including all Social Sec	
		ales and Use Taxes applicable thereto,	
owes no one for a	any labor or m	materials in connection with the perfo	ITMAI
of said WORK or	any of the sai	id taxes, nor have any claims been mad	le
against the said	CONTRACTOR for	or any umpaid material or labor with t	the
exception of the	following:		-
This affidavit is	s made for the	e purpose of inducing the	
		to make a payme	
under the terms	of its Contrac	ct relying on the truth of the stateme	ents
contained herein			
	1 1		
	1		
			-
Subscribed and s	worn to before	re me	
this day of		, 19 Notary Public	
OPPERATION TO SEE	be remain that I would be required to the second	Notamer Dubile	-

2:14 Possession Prior to Completion

2:14.1 The Owner shall have the right to take possession of or use any completed or partially completed part of the WORK. Such possession or use shall not be deemed an acceptance of any WORK not completed in accordance with the CONTRACT DOCUMENTS. If such prior possession or use by the OWNER delays the progress of the WORK or causes additional expense to the CONTRACTOR, an equitable adjustment in the Contract Price and/or the time of completion will be made and the Contract shall be modified in writing accordingly.

2:45 Correction of Work before Final Payment

- 2:45.1 The CONTRACTOR shall promptly remove from the premises all WORK, whether incorporated or not, deemed by the OWNER as failing to conform to the CONTRACT DOCUMENTS. The CONTRACTOR shall promptly replace and re-execute this WORK, in accordance with the CONTRACT DOCUMENTS, without expense to the OWNER and shall bear the expense of repairing everything which has been destroyed or damaged by such removal or replacement.
- 2:45.2 If the CONTRACTOR shall fail to remove WORK deemed by the OWNER as failing to comply with the CONTRACT DOCUMENTS within a reasonable time after notice has been given to the CONTRACTOR, the OWNER may remove and replace such WORK at the expense of the CONTRACTOR. Such expens, way be deducted by the OWNER from any payments due or to become due the CONTRACTOR.

2:46 Correction of Work after Final Payment

Neither final payment nor acceptance of the WORK shall relieve the CONTRACTOR of responsibility for failure to comply with the CONTRACT DOCUMENTS. He shall remedy any defects in his WORK, which shall appear within a period of one year from the date of completion and acceptance, and shall bear the expense of repairing everything which has been destroyed or damaged by such defects. The OWNER shall give the CONTRACTOR prompt notice of defects that become apparent. In case of an emergency where delay would cause serious loss or damage, the OWNER may undertake to have any defects repaired without previous notice to the CONTRACTOR, and the expense of such repairs shall be borne by the CONTRACTOR.

2:47 Liens

- 2:47.1 Neither the final payment nor any part of the retained percentage shall become due until the CONTRACTOR delivers to the OWNER a complete release of all liens arising out of his WORK or receipts in full in lieu thereof, and an affidavit showing that so far as he has knowledge or information the releases and receipts include all labor and material for which a lien could be filed. The CONTRACTOR may, where a complete release of liens is impractical or receipts in full cannot be furnished, provide a bond satisfactory to the OWNER to indemnify him against any lien.
- 2:47.2 If any lien remains unsatisfied after all payments are made, the CONTRACTOR shall refund to the OWNER all monies that the latter may be compelled to pay in discharging such a lien, including all costs & reasonable attorney's fees.

- 2:48 No Waiver
- 2:48.1 The failure of the OWNER to insist upon a strict performance of any of the terms, conditions or details set forth in the CONTRACT DOCUMENTS shall not constitute a waiver of any of the said terms, conditions or details, nor of any of the rights or remedies of the OWNER.
- 2:49 Assignment
- 2:49.1 Neither the OWNER or the CONTRACTOR shall assign the Contract or sublet it as a whole with t the written consent of the other, nor shall the CONTRACTOR assign any monies due or to become due to him hereunder without the previous consent of the OWNER.
- 2:50 Acceptance and Final Payment
- Upon the completion and acceptance of the WORK, and satisfactory evidence of the payment by the CONTRACTOR of all his obligations for which the OWNER may be liable under this Contract, together with the necessary releases stipulated under "Liens" in this Specification, the final amount due shall be paid by the OWNER to the CONTRACTOR within thirty (30) calendar days.
- 2:51 Anti-Discrimination Clause
- 2:51.1 The materials, goods or services furnished under this contract will be accepted only if furnished in full compliance with the rules and regulations of Executive Order No. 11246 of September 24, 1965, as amended, Paragraphs 1 through 7, as follows:
 - "During the performance of this contract, the CONTRACTOR agrees as follows:
 - (1) The CONTRACTOR will not discriminate against any employee or applicant for employment because of race, creed, color. or national origin. The CONTRACTOR will take affirmative action to insure that applicants are employed and that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this non-discrimination clause.
 - (2) The CONTRACTOR will, in all solicitations or advertisements for employees placed by or on behalf of the CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, or national origin.

- (3) The CONTRACTOR will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the CONTRACTOR's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, as amended, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The CONTRACTOR will comply with all provisions of Executive Order No. 11246 of September 24, 1965, as amended, and of the rules, regulations, and relevent orders of the Secretary of Labor.
- (5) The CONTRACTOR will furnish all information and reports: uired by Executive Order No. 11246 of September 24, 1965, as amended, and by the rules, regulations and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations and orders.
- (6) In the event of the CONTRACTOR's noncompliance with the non-discrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the CONTRACTOR may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of September 24, 1965, as amended, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, as amended, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The CONTRACTOR will include the provisions of Paragraphs 1 through 7 in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secreatry of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, as amended, so that such provisions will be binding upon each subcontractor or vendor. The CONTRACTOR will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the CONTRACTOR may request the United States to enter into such litigation to protect the interests of the United States."

2:52 Waiver of Liens Agreement

2:52.1 It is understood and agreed that no lien shall at any time be filed against the premises upon which the WORK hereunder is performed, or any part thereof, by the CONTRACTOR or any subcontractor or other persons

2:52.1 Waiver of Liens Agreement (Cont.)

employed by or furnishing labor, equipment or materials to the CONTRACTOR or any subcontractor for, in, or about the performance of the WORK here-under. In furtherance of this understanding and agreement, the CONTRACTOR shall, if requested by Popelec, execute a Waiver of Liens Agreement. The Waiver of Liens Agreement shall be executed through the Frothonotary's Office at the County Courthouse of the County where the WORK is performed. The OWNER will require proof that this is filed prior to the time that any of the CONTRACTOR's men start WORK on the project.

2:53 Increase of Working Force and Equipment

If at any time the CONTRACTOR's working force and equipment, in the opinion of the OWNER, shall be inadequate for securing the necessary progress or required quality of WORK as herein stipulated, the CONTRACTOR shall, at his own expense when so requested by the OWNER, increase or supplement the working force, supervision, or equipment to such an extent to give reasonable assurance of compliance with the schedule of completion and the required quality of WORK. The failure of the OWNER to make such request shall not relieve the CONTRACTOR of his obligation to secure the quality and the rate of progress required by the contract: and the CONTRACTOR alone shall be and remain liable and responsible for the efficiency and adequacy of his methods, materials, working force, supervision and equipment, irrespective of whether or not he makes any change as a result of any order or orders received from the OWNER.

2:54 Security Regulations

The CONTRACTOR shall be responsible for the compliance of all employees under his jurisdiction with the following Security Regulations for Construction at Generating Stations.

2:54.1 Scope

The following security regulations shall be maintained and enforced at Generating Station Construction Sites. These regulations will supplement all existing security policies and procedures presently in effect.

2:54.2 Purpose

- To alert all personnel, permitted lawful ingress and egress to construction areas at Generating Stations, concerning the basic security regulations of the Pennsylvania Electric Company.
- 2. To allow for the orderly flow of authorized personnel, materials and equipment to and from the sites.
- 3. To protect property and provide a safe and secure work place for all personnel lawfully permitted on the premises.

2:56.3 Organization and Responsibility

The Station Superintendent or his designated alternate has overall responsibility for the maintenance of security at the construction site. He shall also be responsible to the Security Department of the Pennsylvania Electric Company for ensuring that the provisions of this procedure are enforced.

All security guards are to become familiar with the contents of this procedure. Copies of these regulations are to be maintained at the Guard Gate House.

All personnel failing to comply with these security regulations are subject to dismissal.

2:54.4 Regulations - General Policies

No person shall be permitted on Company property who is noticeably under the influence of alcohol or drugs or brings narcotics or intoxicants onto the project, or consumes narcotics or intoxicants on the project.

No visitors are authorized on the site without having registered and been cleared for security by the Penelec Project Engineer or his designated alternate on the job site during the period the job is under construction.

2:5L.5 Movement of Personnel

- 1. All contractual employees shall be required to wear a numbered identification badge (furnished by the CONTRACTOR) which shall be worn conspicuously on their clothing, so as to be readily seen by the guard, when entering, working on, or leaving the site.
- 2. All contractual employees shall enter and depart the construction site via the construction gate.
- 3. All company personnel not assigned to the site will be required to enter via the operating gate and obtain a company representative badge at the Stati. Office when entering the site and to turn in the badge when leaving the site.
- 4. No person shall be allowed to walk onto or drive a vehicle onto the site without having signed a security inspection waiver.

 is waiver will permit the security guard or a designated epresentative of Penelec to inspect his person or property (vehicle included) at any time. This form will be maintained in the file at the office of the Station Superintendent.
- 5. All visitors will be required to produce identification and sign the visitor register. Clearance must first be obtained from an appropriate designated person before admission is granted. All persons so cleared shall be issued and required to wear a visitor badge.

- 6. All delivery vehicles entering or leaving the site shall be subject to inspection.
- 7. All contractual employees that leave the job site through the vehicle gate will give the guard his badge number. The guard will also record the decal number of any employee's private vehicle that departs or returns during these hours.
- 8. Posted speed limits shall be enforced.
- 9. Signs shall be posted at all portals where people or vehicles enter or leave the premises, reading as follows:

"All persons entering or leaving these premises are subject to the security regulations of the company and they and their vehicles may be inspected upon request by a Company Representative."

£:54.6 Materi: Movement

- 1. All material leaving the site requires the written authorization of the Penelec Project Engineer. Tools and equipment a all not be permitted to leave the property at any time without specific written approval of either the Penelec Project Engineer or the Penelec Station Superintendent or their designated alternates.
- 2. A material pass (Attachment A) shall be completed for all material leaving the site.
- 3. If necessary, at the time of ingress and/or egress suspicious parcels, persons, or vehicles shall be delayed until clearance can be obtained from one of the persons named in Item 1 above.

2:54.7 Parking

- Guards shall have supervision over the parking in the construction parking lot.
- Personnel are reminded to lock their vehicle when leaving it in the parking lot. No responsibility is accepted for stolen property or damaged vehicles in the parking lot.
- Guards on duty will report in writing all improperly parked vehicles or drivers failing to obey traffic policies.
- 2:54.8 The Security Force of this site will be responsible for the enforcement of the above regulations. Guard posts will be manned in accordance with the written instructions for this project. At no time will the Security Guard use force or threats in carrying out his responsibilities, unless it is for the purpose of self-defense or to prevent crime which has been or is being committed in his presence.

SECTION III

INSURANCE

INDEX

Item		T	Ltle		Page
3:01	Insurance	bу	the	Owner	III-1
3:02	Insurance	by	the	Contractor	II1-1

3:01 Insurance by the Owner

During the course of construction and until the WORK is finally accepted 3:01.1 and the Contract Price is paid in full, the CALER will provide and maintain Fire and Extended Coverage Insurance, covering the interest of the OMMER of the buildings, structures, machinery and equipment to the full value thereof, including materials, equipment, supplies and structures of all kinds and their contents incident to the construction. When not otherwise insured, the OMMER will carry Fire and Extended Coverage Insurance on construction machinery, tools and equipment belonging to the OWNER or similar property belonging to others for which the OWNER may be liable. All of the above mentioned property is to be insured while forming a part of or is contained in any buildings or structures mentioned above or while in the open on the premises, except that such insurance may exclude property which is generally considered non-insurable, such as property buried in the ground or non-combustible property in the open.

3:02 Insurance by the Contractor

- 3:02.1 The CONTRACTOR and his subcontractors shall carry and maintain Fire and Extended Coverage Insurance on their machinery and tools, equipment and clothing belonging to them or their employees and the OWNER shall not be liable for any loss or damage thereto and the CONTRACTOR shall indemnify and save harmless the OWNER from any claims arising therefrom.
- 3:02.2 The COLTRACTOR shall, in addition to the foregoing, carry and maintain the following forms of insurance applying to all operations undertaken by him, his agents, employees and subcontractors in the minimum amounts indicated hereunder.

	Form	Minimum Limits
(a)	Workmen's Compensation	Statutory
(b)	Contractor's Public Liability (Including contractual liability)	
	Public Liability Property Demage Liability	\$100,000/\$300,000 \$100,000/\$100,000
(o)	Automobile Insurance	
	Bodily Injury Liability Property Damage Liability	\$100,000/\$300,000 \$50,000
(a)	If subcontractors are employed Contractor's Protective Liability	
	Public Liability Property Damage Liability	\$100,000/\$300,000 \$ 50,000/\$100,000

- If any of the WORK performed under this Contract includes blasting, excavating, pile driving or caisson work, moving, shoring, underpinning, razing or demolition of any structure or removal or rebuilding of any structural support thereof; or any subsurface work, the Property Damage Liability Insurance shall have all of the restrictive clauses, customarily used by Insurance Companies applying to insurance on such work, removed from the policies.
- The CONTRACTOR undertakes to permit no subcontractor to enter upon or continue the performance of his subcontract unless he be and remains adequately insured, as required above, against any loss by virtue of liability to his employees and the general public for injuries (including death resulting therefrom) and damage to property suffered by his employees and the general public, and to indemnify and save harmless the OWNER for any loss suffered through his failure to do so.
- 3:02.5 Before any WORK is started under this Contract, the CONTRACTOR shall file with the OWNER certificates of the aforementioned insurance, or copies of the insurance policies, signed by the insurance companies or authorized representatives. All subcontractors shall likewise furnish the OWNER with similar certificates or copies of policies.
- 3:02.6 Certificates or copies of policies shall contain the following information:
 - (a) Name of insurance company, policy number and expiration date
 - (b) Limits of insurance which shall be satisfactory to the OWNER
 - (c) Certificates of Public Liability and Property Damage Insurance shall indicate coverage of any liability assumed under the Contract
 - (d) A statement indicating that the OWNER shall receive at least ten (10) days' advance notice of cancellation of any of the policies or any modification in this insurance which may affect his interest, including its cost
- 3:02.7 All insurance shall be in sound insurance companies, satisfactory to the OWNER and authorized to do business in the state where the WORK is to be performed.
- 3:02.8 The premium for this insurance coverage shall be included in the lump sum price. The CONTRACTOR and his subcontractors shall comply with the requirements of the Workmen's Compensation Act, Social Security Act, Internal Revenue Act, including Unemployment Compensation, both federal and state, and file necessary reports and pay taxes hereunder.

Section IV

Detailed Specification

Dismantling, Removing & Demolition of Equipment

<u>ltem</u>	<u>Title</u>	Page
4:01	Scope of Work	IV-1
4:05	Salvage Material	IV-1
4:03	Protective Barriers	IV-2
4:04	Performance Time & Coordination of Work	IV-2
4:05	Material, Equipment and Supplies Furnished by Contractor	IV-3
4:06	Material, Equipment and Supplies F. rnished by Owner	IV-3
4:07	Fire Protection & Safety	IV-3
4:08	Cleanup	IV-3
4:09	Alternate Bid	IV-4
4:10	Excavation, Backfilling & Grading	IV-L

1:01 Scope of Work

- 4:01.1 The WORK to be performed under this Contract shall include all the material, labor, cranes, rigging, scaffolding, supervision, and equipment necessary for the complete removal of the Saxton Power Plant equipment and machinery including water gates and chimneys. Only the building will be let standing.
- 4:01.2 The WORK to be performed under this Contract shall include the details as described below, and NO drawings will be furnished for this demolition work.
 - 1. Remove four (4) boiler stacks and repair roof.
 - 2. The intake and discharge tunnels must be completely plugged. Small debris and brick can be used, but must be capped with a 6" sludge of 3000 psi concrete. The steel grating can be used as reinforcing in this concrete cap.
 - 3. Remove flash boards from the dam, in such a manner that no safety hazard will exist.
 - 4. Dam drain valves shall NOT be removed, these valves shall be closed and secured in the low position by Penelec.
 - 5. Randown and Shoup Run Dam shall be removed, this will have to be coordinated with the State and the successful bidder will ask at a later date to perform this dam removal.
 - 6. Remove all scrap and debris from wall to wall and basement floor to ceiling.
- 4:01.3 City water supply and serve supply phase will be handled by Penelec personnel.
- 4:01.4 All work shall be subject to the applicable National, State and Local codes, ordinances and regulations. Nothing mentioned in the specifications shall be construed to conflict with the above mentioned codes, ordinances and regulations. The CONTRACTOR shall deliver to the OWNER, all certificates and legal evidence of compliance with the above mentioned codes, ordinances and regulations.
- 4:01.5 An alternate bid will be required for removal of the brick power house and grading the area as described in a later section of this specification.

1:02 Salvage Material

4:02.1 All equipment, structures, and material deemed by the CONTRACTOR to be salvageable scrap shall become the property of the CONTRACTOR immediately upon removal, and shall be removed from the OWNER'S property prior to the contract completion date.

4:04.3 It is the inture and purpose of this specifica won to cover the complete dismantling of the Saxton Power Plant, including water inlet and outlet back filling, chimney removal, coal conveyor removal complete and grading. HART. Material, Equipment and Services Provided by the CONTRACTOR 4:05 4:05.1 All material including expendable items for the WORK, unless specifically noted elsewhere, shall be supplied by the CONTRACTOR. The CONTRACTOR shall furnish all necessary labor and supervision, 4:05.2 including all crafts necessary to perform the WORK. The CONTRACTOR shall provide a full-time working superintendent who 4:05.3 shall be responsible for the WORK and whose duty it shall be to direct all the WORK. 4:06 Equipment, Material and Supplies Purnished by OWNER 4:06.1 The following equipment shal? . furnished by others than the CONTRACTOR. 1. Overhead crane with Penelec operator: 4:06.2 All oil in existing turbine generator lube oil system shall be pumped out by Penelec personnel. 4:06.3 All water lines shall be drained by Penelec. 4:07 Fire Protection and Safety 4:07.1 Adequate fire protection equipment must be kept in the work area at all times. 4:07.2 During demolition work, the material and debris shall be watered down at all times to keep dust to a minimum. 4:07.3 No burning of rubbish will be permitted on the OWNER'S property. 4:07.4 The CONTRACTOR is cautioned to adhere to all OSHA and Safety Requirements as required by Local and National Codes. 4:08 Cleanup 4:08.1 The CONTRACTOR shall keep the station free from accumulation of waste material. 4:08.2 At the completion of the WORK, the CONTRACTUR shall leave the WORK area broom clean.

All waste materials shall be removed from the OWNER'S property other than material used for filling voids left from removing equipment.

4:08.3

- Lion Alternate Bi
- 4:09.1 All bidders are requested to submit an alternate proposal covering all necessary material, labor, equipment, cranes, rigging, and scaffolding for complete removal of the Saxton Power House, level to the ground and grade to elevation 811.
- 4:10 Excavation, Backfilling and Grading
- 4:10.1 All necessary excavation, Laskfilling and grading and related items where necessary to bring the existing exterior grade around the plant to elevation 811 which is deemed to be finish grade.
- 4:10.2 Additional material for backfill in excess of that available from demolition on this Contract, shall be furnished by the CONTRACTOR.
- 4:10.3 The CONTRACTOR shall back fill and compact as necessary to obtain the final grade.
- 4:10.4 Backfilling shall be performed at such time as approved by the OWNER and in such manner that no large voids can develop. Frozen material shall not be used for backfill nor shall backfill be placed on frozen ground.
- 4:10.5 The existing basement elevation 780 shall be finish graded to 811 all sump holes and pits in the tasement shall be filled to finish elevation 811 with stone or brick, tamped, and covered with one (1) foot of good earth material.
- 4:10.6 All exterior building walls of portion to be demolished and removed down to finish elevation 811.
- 4:10.7 All areas disturbed during demolition shall be brought back to their original condition and approved by the OWNER.

- 4:02.3 The abandoned chimneys shall be removed in such a manner as not to cause any damage to the existing building. Protective barriers shall be placed on the existing roof to prevent damage from falling debris, if it is elected to let the building stand.
- 1:02.4 The use of explosives of any kind for demolition will NOT be permitted.
 - 4:02.5 Any and all debris and rubbish, regardless of origin, existing on the OWNER'S property shall be removed from the property by the CONTRACTOR.
 - 4;03 Protective Barriers
- 1:03.1 The CONTRACTOR shall provide whatever protective barrier he deems necessary and at the approval of the OWNER to protect the existing structures that are to remain; mainly, all SNEC related equipment and buildings. Any damage to existing SNEC structures will be repaired back to the original condition at the CONTRACTOR'S expense.
- 4:04 Performance Time and Coordination of Work
- 4:04.1 Each bidder shall state, as a part of the proposal, the number of calendar days required for completion of WORK. Such completion shall permit complete possession and occupancy of the area involved.
- 4:04.2 Arrangements for use of the crane, shall be made with the proper plant personnel through the Plant Superintendent in advance of actual work.
- 4:04.3 The CONTRACTOR will make provisions for maintaining access to the plant for the duration of the work.
- 4:04.4 If requested by the OWNER, the CONTRACTOR shall submit a complete list of sub-contractors he contemplates using. All sub-contractors shall be subject to the approval of the OWNER. The OWNER desires, whenever possible and economical, to award WORE to a CONTRACTOR within their franchised area.
- 4:04.5 All labor and equipment rates are to be based on the prevailing union wages in the area the WORK is to be done.
- 4:04.6 Temporary electrical power will be furnished to CONTRACTOR by OWNER, and CONTRACTOR will be billed for same.
- 4:04.7 Temporary water toilet facilities will be furnished by the CONTRACTOR.
- 4:04.8 The CONTRACTOR shall visit the site and familiarize himself with all conditions which would affect his WORK. He shall also acquaint himself with the condition of the building floors, which are in poor condition and the safety hazard that will exist.

Section V

Salvage Material

The attached section is an inventory of all equipment in the power plant that is to be removed on either basis of bidding. All equipment which belongs to SMEC or is slated to be transferred shall be deleted from your lump sum bids.

SALVAGE MATERIAL SNEC EQUIPMENT

Addendum "A"

1 - Transformer

750 KVA - 2400 V Primary 480 V Delta 3 Phase Type - 3L Class OA - Westinghouse Serial No. 6990953 Weight 10,950# Trim 3,550# Case 2,600# Oil 4,800#

with Voltage Taps Inpedance 5.7% with Motor Control Center

1 - Transformer

1000 KVA Westinghouse 3 Phase power Center transformer Class OA Impedance 6.8% Type SL 3 Phase Delta - 60 Cycle Serial No. 6991304 Ship Order 8R-6418

Fill Weight - 4,460 Case 2,100 011 3,300 Total 9,860

The above transformers are to be priced with the SNEC equipment.

SAXTON PLANT SALVAGE EQUIPMENT

Water Cooled - to be retired and included in bid price.

4 Westinghouse Single phase water cooled and oil insulated Imp 7.7%

12,500 KVA - 63,600 V to 13,200 √ Serial No. 1062144

Weight 30,500# Case 12,000#

011 16,500#

Total 59,000#

7 Westinghouse Single phase transformer

Oil insulated - water cooled 4,166 KVA 67,000 V to 13,200 V 60 Cycle Serial No. 655468 Imp 4.7% Zst. - 40,000# each

SCRAP FROM SAXTON STATION

	Cast Iron	Steel	Brass	Copper
#1 Condenser	75 tons			
#1 thru #4 Boiler @ 94 tons steel - 55 ton cast iron each	220 tons	376 tons		
Boiler #5 thru #8 @ 100 tons cast iron 140 tons steel	400 tons	560 tons		
#2 Condenser	75 tons		9 tons	
#2 Generator Rotor Generator Stator	Mixed Metal Mixed Metal	25 tons 42 tons		3 tons 4 tons
#3 Generator Stator Generator Rotor	Mixed Metal Mixed Metal	100 tons 50 tons		5 tons 6 tons
#3 Economizer Generator Air Cooler Stage Heater - Admeralty Metal	21 tons	21 tons	6 tons 16 tons	
#3 Steam Turbine	80 tons	120 tons		
#3 Condense	90 tons		45 tons	
Miscellaneous	10 tons	5 tons	3 tons	2 tons

Weight of all pumps - Bronze, Steel, and Cast Iron - 30 tons

Totals:

Cast Iron	971	tons
Steel	1,082	tons
Brass	63	tons
Copper	21	tons
Admeralty Metal	16	tons
Mixed Metal	217	tons

Comments: The above weights are estimated weights and include most of the major items. These weights should be verified by the bidders when estimating the salvage value of all the equipment at the Saxton Plant.

Steam Turbine - #3

General electric Turbine #30033
Steam Pressure - 285 pai - 630° F.
Rating - 30,000 A.W. - Speed 1800 RPM
Extraction Type Condensing Turbine
Total weight - 200 Tons
Steel - 120 Tons Cast Iron - 80 Tons
First Started - 8-14-1926

Steam Condenser - #3

Wheeler Condenser & Engineering Co.

2 Pass Surface Condenser No. 9056

40,000 Sq. Ft. Effective Tube Area

6950 Brass Tubes - 22'-3" Long, 1" Dis., 18 Gauge

Brass Tube Sheets - Sise

Total Weight - 135 Tons

Cast Iron - 90 Tons Brass - 45 Tons (Tubes - 41 Tons - Sheets A

#3 Boiler

Serial No. - N.B.476
Mid. by B & W Co., Barberton, Ohio
Type & Drum, Sterling, Four Pass
Installed 1923 - Started Operation November 11, 1923
Design - 300 pai - 650° T.T. - 230° Superheat
Rated 1112 B.H.P. - Flow - Max. 100,000 lb./br.
Hater Heating Surface - 11,120 Sq. Pt.
Projected Grate Area - 191 Sq. Ft.
Tube Arrangement - 16 Rows - 42 Tubes Per Row
Seemless Steel 3-1/4° O.D., 8 Garge, Total 672 Trees

Swerheater

B & W Convection, Pendant Type 107 Elements - Each Element Contains 3 - 2" U.D. Plain Seculess Steal Tobes

Sconomizer

B & W Duratex Integral Type Located In Last Pass Consists Of 15 Steel Headers Per Sids And 32 Plain Seamless Steel Tubes 2" U.D. x 20' Long Per Header - Total of 480 Tubes

Safety Valves

Right Consolidated Spring Loaded on Rear Drum, 1 on Superheater Outlet

Mr. C. M. Statler Johnstown, Penna.

July 22, 1964

Tibes Removed

hetirement of Generating Equipment:

Following is a list of name plate data and estimated weights of steam generating equipment and auxilliaries under retirement study for Saxton Station.

Steam Turbine No. 1

westinghouse Turbine Musber 12124 Steam Fress. 285 lb. Temp. 0300 Rated at lu, www K.W. - Speed 18w R.P.M. Straight Condensing - Started Operation Nov. 6, 1923. Kinned lotal Weight - 46 Tons. Steel 35 Tons - Cast Iron lu tons - Brass 1 ton.

Steam Condenser No. 1

C. H. Wheeler - 2 pass surface condenser with divided water tax Ser. No. 18,460 17,500 sq.ft. effective tube arma. 3486 Brass tubes - 19'3" long, 1" U.D., 18 ga. Zie + IN THEY Brass tube sheet 9'5" Dia. 1 1/8" thick. Total Weight - 92 tons. Cast Iron 75 tuns - Brass - 17 tuns.

No. 1 Boiler

Serial No. HB474 Mfg. by B & W Co. Barbertan, uhio Type - 4 Drum, Sterling, fur pass Installed - 1923 - Started operation Nov. 11, 1923 Design 300 p.s.i. - 650° T.T. - 230° Supht. Rated at 1112 B.H.P. - Flow Max. 100,000 pr/hr Water heating Surface 11,120 sq. ft. Projected grate area 193 aq. ft. Tube arrangement - 16 rows - 42 tubes per row Seamless steel 34" U.D. 8 gauge, total 672 tubes.

Superheater

B & W convection, pendant type 107 elements - each element contains 3 - 2" U.D. plain seamless steel tubes.

aconomizer

B & W Duratex integeal type located in last gas pass. Consists of 15 Steel headers per side and 32 plain seamless steel tubes 2" U.D. X 20' long per header total of 480 tubes

HEADRES TUBES RREYO



or. C. A. Statler Johnstown, Fenna.

July 22, 1964

Notirement of Generating Squipment; (Continued)

Safety Valves

Right consolicated spring loaded on rear steam drum, 1 on Superheater outlet.

Sout Blowers

Dismond $2\frac{1}{2}$ " - 16 Elements per boiler, and 8 in the economizer. Steam used as blowing medium.

Stoker

Taylor - underfeed type DHC-7-11 retarts
24 tuyeris per retart - double 14° clinker grinders Require
Motor drive.

Forced Draft Fans

No. 1 Sturtevent Turlavene fan No. 76892 Design 4 - Size 80 - Motor Drive. Motor Remeral D

No. 2 - Same as No. 1 except No. 76895

Induced Draft Fans

No. 3 Sturtewant Multivane fan - design 3-Size 7g Serial No. None - Notor drive

REMOVED

No. 4 - Same as No. 3

Draft Regulators

Hagan Master Controller No. 1281 Size 5" Hagan Combustion Controller - Size 22"

Total Weight No. 1 Boiler 94 Tons Steel 55 * Cast Iron

> No. 2 Boiler - Serial No. NB.475 Installed - 1923

Identical with No. 1 Sciler

Total Weight (2) Boilers and Auxiliaries.

188 Tons Steel

(365)

SAXTUN Mr. C. W. Statler July 22, 1964 Johnstown, Fenna. netirement of Generation Equipment; (Continued) Re useable . otors - Boiler No. 1 *Forced Draft Drive No. 1 This must on travers Westinghouse Induction Motor Style 948252 - 220 Volts - 12 Amps 3 Phase 7 = 1 fee de licence January & Lew No. 43 \$ 19 60 cycle - 50 H.P. - 1750 R.P.H. 1-1-66 Forced Draft Drive No. 2 Westinghouse Induction Motor Serial No. 424244, Type CS, Frame 655, Style 948252, - 2200 Volts - 12 Amrs. 3 Phase, 60 Cycle - 50 H.P. - 1750 R.P.H. This motor manding *Induced Draft Drive No. 3 203 foile become Westin house induction Notor Style 948261 - 224 Volts - 23.3 Amps. 3 These Julius - See He Serial No. 4241970, Type C.S. Frame 856 4241972 - 11-2-66 bu Cycle - lu H.F. llou R.F.H. Induced Draft Drive No. 4 Westinghouse Induction Notor I whis motor hander Serial No. 421971, Type C.S., Frame 856 Style 948261, 22W Volts - 23.3 Amps. 3 Phase to me Brile Secan of failure of San. no bu Cycle - 100 H.P. - 1160 R.P.M. 4241968 1 2-2-67 Stoker Drive No. 1 Westinghouse Induction Motor Serial No. 4242025 Style 948267, Frame 583A Type C.S. - 5/10 H.P., 440 Volts, 12/18 Amps, · ZRINOVED 425/860 R.P. ... 3 Phase, 60 Cycle Alternate rating 7.5/15 H.P. 440 Volts, 16.1/24 Amps, 570/1150 R.P.M. 3 Phase, 60 Cycle. Stoker Drive No. 2 Westinghouse Induction Motor Serial No. 4242026 Style 948267 Fram 583A Type C.S. 5/10 H.P., 440 Vults, 12/18 Amps 425/660 R.P.M., 3 Phase, 60 Cycle Alternate rating 7.5/15 H.P., 440 Volts, 16.1/24 Amps.,570/1150 R.P.M., 3 Phase, 60 Cycle. *Clinker Origer Frime No. 1 621.0

July 22, 1964

TO #330

8-1-67

ir. v. A. whatler Johnstown, .unra.

Notification of Generation Equipment; (Continued)

*Clinker Grinder Drive No. 1

TRANSIGRACD mestinghouse Induction Lutur Jeriai II. .. 2,20,2, Type C.S., Frans 472A, Style 928599, 440 Vults, 7.12/5.75 Amps, 3 Phase ou wole 5/25 hote, whee 430/270 :.. P. H.

Climer Grimer Drive No. 2

Westinghouse Induction Notor Serial No. 4242043, Type C.S., Frame 472A Style 928599, 440 Volts, 7.12/5.75 Amps, 3 Phase ou Cy les, 5/2.5 d.F., Speed 30/870 B.P.M.

He useable Hutors - Buller Nu. 2

Hot Peties

Forced Draft Drive No. 1

Westinghouse Induction 'otor Serial No. 4241998, Type C.S., Frame 655 Style 948252, 22w Volts, 12 kmps., 3 Phase, 60 cycle 50 H.P., 1750 R.P.M.

Forced Draft Drive No. 2

Serial No. 4241985, Type C.S. Frame 655
Style 948252, 2240 Volts, 12 Amps, 3 Phase
60 Cycle, 50 H.P., 1750 R.P.N.

Induced Draft Drive No. 3

Frame 655

Failed 1-1-66

Replaced by Sanka 424.

Washington to Force 41

Force Westinghouse Induction Lotor

Westinghouse Induction Notor Serial No. 4241967, Type C.S., Frame 856 Style 948261, 22xx Volts, 23.3 Amps., 3 Phase 60 Cycle, 100 H.P., 1160 R.P.K.

Induced Draft Drive No. 4

Westinghouse Induction Motor Serial No. 4241968, Type C.S., Frame 856 Style 94B261, 2200 Volts, 23.3 Amps, 3 Phase, 60 Cycle, 100 H.P., 1160 R.P.M.

Mr. C. W. Statler John.town, Penna. July 22, 1964

Retirement of Generation Equipment; (Continued)

Stoker Drive No. 1

Hestinghouse Induction Fotor
Serial To. L2L2024 Style 948267, Frame 583
Type C.S., 5/10 H.P., 440 Volts 12/18 Amps.,
425/860 R.F. I., 3 Thuse, 60 Cycle, Alternate Rating
7.5/15 K.T., 440 Volts, 16.1/24 Amps., 570/1150 R.P.M.
3 Thuse, 60 Cycle

Stoker Drive No. 2

Westinghouse Induction Lotor
Serial No. 4242023 Style 948267, Frame 583A,
Type C.S. 5/10 H.P., AU Volts, 12/18 Amps.,
425/860 R.F.M., 3 Phase, 60 Cycle, Altomate Rating
7.5/15 H.P., 440 Volts, 16.1/24 Amps., 570/1150 R.P.M.,
3 Phase, 60 cycle.

Clinker Grinder Drive No. 1

Westinghouse Induction Motor Serial No. 4242040 Style 928599, Type C.S. Preme 472A, 440 Volts, 7.12/5.75 Amps., 3 Phase 60 Cycle, 5/2.5 H.P., Speed 430/870 R.P.M.

Clinker Grinder Drive No. 2

Westinghouse Induction Motor Serial No. 4242041 Style 928599, Type C.S. Frame 472A, 440 Volte, 7.12/5.75 Amps., 3 Phase 60 Cycle, 5/2.5 H.P., Speed 430/870 R.P.M.

No. 1 Turbine

Condensate Fump Drive No. 2

Westinghouse Induction Mator Serial No. 4242054, Style 94B266, Frame 453A 440 Volts, 24.2 Amps., 3 Phase, 60 Cycle, 20 H.P. 1750 R.P.M.

(268)

Circulating Pump Drive No. 1

Westinghouse Induction Notor Serial No. 4241959, Frame 954, 2200 Volte, 37.5 Amps, 3 Phase, 6Q Cycle, 150 H.P., 575 R.P.H.

July 22, 1964

Mr. C. W. Statler Johnstown, Fenna.

Retirement of Generating Equipment; (Continued)

Circulating Fump Drive No. 2

Westinghouse Induction Motor Serial No. 4241957, Frame 954, 2200 Volts 37.5 Aups, 3 Fnase, ou Cycle, 150 H.P., 575 R.F.M.

Air washer Pump Drive

G.S. Induction motor Serial No. 3836330 Type A.T. 751-4-10-1800 - Frame C - 440 Volts, 13.1 Amps - 3 Phase - ou Cycle - 10 H.P. Speed 1740 R.F.M.

10. 1 A.C. Generator - Permoval

Installed 1923 - Afg. Westinghouse
Air Cooled - Sermal No. 4241908, rated at 12,500 KVA
13.2 KV - 548 Amps., - 3 hase - 60 Cycle - 80% P.F.
Speed 1800 R.P.M. - Solid Coupling.

exciter No. 1

Westinghouse D.C. Generator Serial No. 4241927 Style 94B241 - 75 aW - 250 Volts - 100 Amps. Direct connected to generator shaft.

Field Rheastat

Westinghouse Type J - Style 9413202 - 250 Volts 500/120 Amps. - 1.78 chms, Motor drive

Weight - Generator Stater 84,000 lbs. (3 Tr weiletel copyed)
Rotor 50,20 lbs. (4tm

(269)

Mr. C. w. Statler Johnstown, :s.ma. July 22, 1964

Retirement of Generation Equipment (Continued)

Re useable Purps

Circulating Tump No. 1 C. H. Wheeler - 20" Class C horizontal double suction centrifugal , unp Serial No. 15408 Cap. 12,000 C.p.n., otor drive, R.P.N. 575.

Circulating Pump No. 2

/ Same as to. 1 except to ial No. 18418

Concensate Jump No. 1

C. H. Wheeler - Class H.W. Hot well pump Centrifugal ! ump . U. 18416 - size 4" Cap. 350 g.p.m. cirect connected to a Terry Steam Turbine Serial No. 8457, 24 H.F. 250 lbs. Steam Fressure - U bank pressure speed 1750 R.F.F.

Condensate Pump No. 2

Same as No. 1 - except berial No. 18415, and motor driven.

Aux vil rump No. 1

worthington - 2 cyl. reciprocating steem pump serial No. 708130 Size 42 x 3 3/4 x 4

Air Washer Pump

Buffalo Steam Fump Co.., horizontal double suction centrifugal pump No. 5Zll4-LH - head Bu* - capacity Zhu g.p.m. Sime 2½ - Speed 1744 - Noter driven.

Total Weight all pumps, bronze, steel & Cast Iron mixed 4 tons .

Miscellaneous Items

Air Washer No. 1

Carrier Air Conditioning Co. Unit No. 1375 Type C. Sise ED

Hado Jet Air From No. 1

C. H. Wheeler Mfg. Co. - No. 1921 Machine No. 18411 Air pump No. 1922 - Machine No. 18412, common surface re ve ... tettor

July 22, 1964

.etir-Lent of denerating Liui, Lent; (Jont-Noc)

Atmosphoric helief falve for 1

C. h. wheeler - Du" muit .- flax atmospheric relief valve

after walder in. 1

C. H. Abesler - le" - 4" - 1" ofter contenser

til imlar in. 1

mestinghouse noricontal type - 233 Brass tubes 7/16" I.D.

Hain -tuan liging and Valves

50' 05 6" ripe 05' of 12" pipe

Station Air Cumpressor No. 1

Installed 1923 - Berry Co., Erie, is. No. 4006, Class HL - Size 12 x lu - Speed 235 R.F.H. - Fressure 100 p.s.i. - V belt crive from G. E. Induction motor Serial No. 3083220 - Model 1811 - Type h1342-8-50-900 Frame B - 2240 Volts 12.5 Apps. - 3 Phase - 60 Cycle 50 H.F. - Speed 670 R.F.H. with G. E. starting compensator Calaba.

Evaposator

Wheeler condenser and angineering Co. Double effect film evaperator Cap. 13,000 lbs/hr Serial No. 8280 Date 1923 - Four section ovaporator with spiral type tubes, Equipped with jet condenser, condensate and sirculating pumps.

Transformer vil Tanks

4 - 4' x 20' steel tanks

1 - De Laval uil Separatur

1 - uil Heater

Total Weight Miscellaneous items

5 tons steel - 3 tons Brass - 10 tons cast iron 2 11 Bare Copper Co./s in L. PErop.

Circulating fump Drive to. 2

ome as to. 1 Except Serial No. 119871

No. 3 A.C. Generator

Jeneral Electric - Air Cooled - Serial No. 4097047 - Capacity 30,000 K Type ATB-4-375008-1800 - Form HT - P.F. 80% - 13.8 K.V. 1570 Amps - Field Amps 515 - 3 Phase - 60 Cycle - 1800 R.P.H.

Mo. 3 Shart Driven Excitor

General Meetric D.C. Generator - Serial No. 1359295 - Form A Type ET-13-6-175-1800 - 250 V. - 700 Amp - 175 A.W. - Speed 1800 R.P.X

weight No. 3 Generator Stator - 100 Tons weight No. 3 Generator notor - 50 Tons

Steam Jet Air Tump

Wheeler Condenser & Engineering Co.
Triple Clement - 2 Stage with Surface Inner and After Condenser
Valves and Piping

Generator Air Cooler
General Electric Co.
4 Section Type D = 3500 Sq. Ft. Per Section
258 No. 18 BWG = 14' Long Brass Tubes
Total Weight 10,800 Lbs.

15th Stage Bleeder Heater

Griscom Russell Co.

814 - 5/8" U.D. Mo. 18 Bm3 Admiralty Netal Tubes
Water W.P. 100 lbs./sq. in. - Steam W.P. 50 lbs./sq. in.

Capacity to Heat 340,000 lbs. Water Per Hour From 190° to 148°
Total Weight 15,000 lbs.

13th Stage Eleeder Heater

Griscom Russell Co.

814 - 5/8" U.D. No. 18 BWG Admiralty Metal Tubes
Water W.P. 100 lbs./sq. in. - Steam W.P. 50 lbs./sq. in.
Capacity to Heat 340,000 lbs. Water Per Hour From 148° to 212°
Total Weight 15,000 Lbs.

U11 Cooler

Andale Tube Bundle Type - Serial No. 1475 Total Weight 1,000 Lbs. 4 Re-Useable Fumps - No. 3 Turbine, etc.

Circulating Mater Pump No. 1

Wheeler Condenser & Engineering Co. Centrifugal Pump

30" Side Double Suction - 30" Side Discharge

Roller Bearings, Bronse Mounted - No. U8031

Dated 1925 - Head 30" - Capacity 30,000 G.P.M.

Horizontal Motor Drive Thru Fast Flexible Coupling - 353 R.P.M.

Circulating mater Pump No. 2

Same As No. 1 Except No. 08032 And Right Hand

Condensate water Pump No. 1

wheeler Condenser & Engineer Co. Centrifugal Pump No. U8034 - Sise 6" - Two Stage - Head ZXV' - Capacity 750 G.P.X Direct Connected to a Terry Steam Turbine No. 10286 - H.P. 75 Steam Pressure 275 psi - Exhaust & psi - R.P.M. 1200

Condensate water Pump No. 2

Same As No. 1 Except No. U8033 and Direct Connected to a 75 H.P. Motor

Turning Gear Oil Pump

Raper Centrifugal Pump - Serial No. 3160 Pigure No. 9995ORCAM - Motor Driven

Total Weight All Pumps - Bronze, Steel, Cast Iron - 25 Tons

No. 3 Turbine

Condensate Pump Drive No. 1

Allis Chalmers Induction Motor Serial No. 3480HK-423DS-3-1 - Type AR423DS 2200 V. - 18 Amp - 3 Phase - 60 Cycle - 75 E.P. - 1165 R.P.M.

Circulating Pump Brive No. 1

Allia Chalmers Induction Motor - Serial No. 119870 2200 V. - 77 Amp - 3 Phase - 60 Cycle - 275 H.P. - 353 R.P.M.

Re-Useable Motors - Boiler No. 7

Forced Draft Fan Hotors

R. H. Notor - Allie Chalmers Induction Motor Serial No. 348MA-426CS-2-2 - Type Ar426CS 22U V. - 23 Amp - 3 Phase - 6U Cycle - 1UU H.P. - 1165 R.P.M.

Induced Draft Fan Drive Motor

Allis Chalmers Induction Motor Serial Mo. 121345 - 2200 V. - 72 Amp - 3 Phase - 60 Cycle 300 H.P. - Speed 585 R.P.M. - Rotor Volts 370 hotor Amps 368 with Cutler Hammer AC Controller No. A39517Cl

Stoker Drive No. 1 .

Allie Chalmers Induction Motor
Serial No. 348044-Y4104-5-3 - Type ARY-4160
440 V. - 21 Amp - 3 thase-60 Cycle - 15 H.P. - 1150 R.P.M.

Stoker Drive No. 2

Same As No. 1 Except Serial No. Hone - 7-1/2 H.P.

Clinker Grinder Drive No. 1

Allis Chalmers Induction Motor Serial No. 3480 MK-416D-6-3 - Type AR4169 440 V. - 8.9/7.6 Amp - 3 Phase - 60 Cycle - H.P. 23.4/5-1/2 Speed 430/850 R.P.M.

Clinker Grinder Drive No. 2

Seme As No. 1 Except Serial No. 3480MK-616D-6-7

Re-Useable Motors - Boiler No. 8 - All The Same As No. 7 Except Sevial Numbers which May De Found In Flant Inventory Re-Useable Fotors - Boiler No. 3

Forced Draft Fan Drive No. 1

Serial No. 4242AJ - Type CS - Frame 655 Style 948252 - 22W V. - 3 Phase - 60 Cycle 50 H.P. - 1750 R.F.M.

Forced Draft Fan Drive No. 2

Same As No. 1 Except Serial No. 4242002

Induced Draft Fan Drive No. 3

*estinghouse Induction Motor Serial No. 4241969 - Type CS - Frame 856 Style 948261 - 224 V. - 23.3 Amp - 3 Fhase 60 Cycle - 100 H.F. - 1160 R.F.M.

Induced Draft Fan Drive No. 4

Same As No. 3 Except No Serial No.

Stoker Drive No. 1

Westinghouse Induction Motor

Serial No. 4242022 - Style 948267 - Frame 5834

Type CS - 5/10 H.P. - 440 V. - 12/18 Amp - 425/860 R.P.M.

3 Phase - 60 Cycle - Alternate Rating 7.5/15 H.P.

440 V. - 16.1/24 Amp - 570/1150 R.P.M. - 3 Phase - 60 Cycle

Stoker Drive No. 2

Same As No. 1 Except Serial No. 4242021

Clinker Grinder Drive No. 1

Westinghouse Induction Motor Serial No. None - Type CS - Frame 472A Style 928599 - 440 V. - 7.12/5.75 Amp - 3 Phase 60 Cycle - 5/25 H.P. - Speed 430/870 R.P.H.

Clinker Grinder Drive No. 2

Same As No. 1 Except Serial No. 4242X05

Re-Useable Motors - Boiler No. 4 - Same As No. 3 Except Serial Numbers Listed In Flant Inventory (275)

Induced Draft Fan ---

One fan Equipped with Variable Speed Motor American slower Co., Sirocco Type Fan, Single Side Inlet, Discharge 60° Up, No Serial No.

#7 Draft Regulators

Hagan Master Regulator - No. 2050 - Size 5"
Hagan Compustion Controller - No Number - Size 2-1/2"
Hagan Combustion Controller - No. 2647 - Size 2-1/2"

Total weight - #7 Boiler & Auxiliaries

LLU Tons - Steel LLU Tons - Cart Iron 240 Tons - Total

Total Weight - #8 Boiler & Auxiliaries

140 Tons - Steel 140 Tons - Cast Iron 240 Tons - Total

Total Weight - & Boilers - No. 3-4-7 & 8 And Auxiliaries

A68 Tons - Steel 310 Tons - Cast Iron

#7 Boiler - Serial No. NB-2571

Mid. by B & W Co., Barberton, Unio

Type - B & W, 4 Drum Sterling Boiler - 3 Pass

Installed - 1926

Design - 300 psi - 650° F.T.T. - 230° F. Superheat

Rated - 1112 B.H.F. - Average Output 100,000 lb./ar.

Projected Grate Area - 309.8 Sq. Ft.

Tube Arrangement - Boiler Tubes - Sixteen Rows, 42 Tubes Per Bow,

Seamless Steel Tubes, 3-1/4° U.D., Total of 672 Tubes

mater Heating Surface - 11,120 Sq. Ft.

Water malls - Bailey Meter mater-cooled Side and Bridge Wall

Construction. Total of 22 Seamless Steel, 3-1/4° U.D. in Each

11. Water Heating Surface - 210 Sq. Ft.

Superheater

Same As #3 Boiler

Economirer

B & W Duretex Integral Type located in Last Cas Pass Consists of 19 Steel Headers Per Side and 32 Plain Seamless Steel Tubes 2° U.D. x 20' Long Per Header - Total of 608 Tubes Tubes - 21 Tons Headers and Handplates - 21 Tons

Safety Valves

Seven Asirton Spring Loaded Valves on Rear Steam D.um and Une

Soot Blowers

Diamond 2-1/2" - 16 Elemente Per Boiler Flus 8 in Economiser 1 - Vulcan T-2, Air Motor Driven 14' Travel Retractable Scot Blower 1 - Ditto - 20' Travel

Stoker

Taylor Underfeed, Type HC-7 - 11 Estorts - 33 Tuyeres Per Estort Double 14" Clinker Grinder

Porced Draft Fans

One Fan Equipped With Dual Motor Drive, One Motor Directly Connected To Each End of Fan Rotor Shaft
American Ellower Co., Sirocco Type HS - Size 7-1/2 - Serial No. 160405A - Double Side Inlet - Rorisontal Discharge Fan

(277)

Soot Blowers

Diamond 2-1/2" - 16 elements Per Boiler and 8 In The Sconomizer Steam Used As Blowing Medium

Stoker

Taylor - Underfeed Type DHC-7 - 11 Retorts 24 Tuyeres Per Retort - Double 14" Clinker Grinders Motor Driven

Forced Draft Fans

No. 1 - Sturtevant Turbovane Fan - Serial No. 76898 Design 4 - Size 80 - Motor Driven No. 2 - Same As No. 1 Except Serial No. 76897

Induced Draft Pans

No. 3 - Sturtevant Multivane Fan - Design 3 - Sise 7-1/2 No Serial No. - Motor Driven No. 4 - Same As No. 3

Draft Regulator

Hagan Master Controller - No. 1281 - Size 5* Hagan Combustion Controller - Size - 2-1/2*

Total weight - #3 Boiler & Auxiliaries

96 Tone - Steel 55 Tone - Cast Iron

\$4 Boiler - Serial No. NB-477

Identical To #3 Boile?

Total Weight - 2 Boilers and Auxiliaries

166 Tons - Steel 110 Tons - Cast Iron

Steam Turbine - #3

General electric Turbine #30033 Steam Pressure - 285 pai - 630° F. Rating - 30,000 k.W. - Speed 1800 RPM Extraction Type Condensing Turbine Total weight - 200 Tons Steel - 120 Tons Cast Iron - 80 Tons Pirst Started - 8-14-1926

Steam Condenser - #3

Wheeler Condenser & Engineering Co.

2 Pass Surface Con. Seer No. 9056

40,000 Sq. Ft. Effective Tube Area

6950 Brass Tubes - 22'-3" Long, 1" Dia., 18 Gauge

Brass Tube Sheets - Sise

Total Weight - 135 Tons

Cast Iron - 90 Tons Brass - 45 Tons (Tubes - 41 Tons - Sheets 4

#3 Boiler

Serial No. - N.B.476
Mfd. by B & W Co., Barberton, Chio
Type & Drum, Sterling, Four Pass
Installed 1923 - Started Operation November 11, 1923
Design - 300 psi - 650° T.T. - 230° Superheat
Rated 1112 B.H.P. - Flow - Max. 100,000 lb./br.
Mater Heating Surface - 11,120 Sq. Ft.
Projected Grate Area - 191 Sq. Ft.
Tube Arrangement - 16 Rows - 42 Tubes Per Row
Sesmless Steel 3-1/4° O.D., & Gauge, Total 672 Tubes

Superheater

B & W Convection, Pendant Type 107 Elements - Each Element Contains 3 - 2" U.D. Plain Seamless Steel Tobes

Sconowiser

B & W Durstex Integral Type Located In Last Pass Consists Of 15 Steel Headers Per Side And 32 Plain Seamless Steel Tubes 2° U.D. x 20° Long Per Header - Total of 480 Tubes

Safety Valves

Eight Consolidated Spring Loaded on Rear Drum, 1 on Superheater Outlet

PENNSYLVANIA ELECTRIC COMPANY



GENERAL OFFICE: 1001 BROAD STREET JOHNSTOWN, PA. 15907

ATTACHMENT II-A

January 1, 1975

Kovalchick Salvage Company 1060 xayne Avenue Indiana, Pennsylvania 15701

Gentlemen:

This letter will serve to confirm the fact that Pennsylwavis Electric Company ("Penelec") agrees, subject to necessary
regulatory authority approval, if any, to sward a contract to
Kovalchiek Salvage Company ("Kovalchick") covering the removal and
demolition of Penelec's Saxton Steam Generating Station, Saxton,
Pannsylvania, pursuant to Specification PE-SAX-115 dated November,
1974, as emended November 15, 1974.

It is agreed between Penelec and Kovelchick that until such time as a determination has been made by Penelec as to the required regulatory authority approvel, if any, to effect the transaction. Kovelchick shall not perform any of the "Work" covered by the Specification referred to above, as amended, until such time as Penelec notifies Kovelchick in writing that said regulatory authority approval has been received or is not necessary.

Effective as of January 1, 1975, Kovalchick assumes all liability relating to or in any wise connected with Penelec's Saxton Steam Generating Station, Saxton, Pennsylvania. Kovalchick agrees to hald Penelec hermless from any loss or liability arising on or after January 1, 1975 relating to or in any wise connected with Penelec's Saxtom Steam Generating Station, Saxton, Pennsylvania.

Females acknowledges receipt of the payment by Kovalchick of as somtained in Kovalchick's proposal dated ecember 17, 1978, subject to refund of same without interest in the event that Penelec does not receive the necessary regulatory authority approval if Penelec deems such approval necessary; furthermore, in the event of such refund, Panelec is relieved of all liability to Kovalchick of any damage or loss in any manner suffered by Kovalchick as a result of termination of this Letter of Understanding. Upon refund to Kovalchick, all matters with respect to this Letter of Understanding and the "Jork" to be performed shall be terminated as of the effective date of refund.



Kovelchick Salvege Company

January of ext 975 FICE 105 BROAD STREET

JC 35 STOWN, PA. 15907

Will you please indicate your acceptance of the foregoing in the space indicated below and return the executed original to Emelec. A copy is enclosed for your files.

Very truly yours,

PENNSYLVANIA ELECTRIC COMPANY

B. M. Conrad Vice President, Generation

ACCEPTED:

LOVALCRICE SALVAGE COMPANY

Dated: January 14, 1975

COPY



料

1001 BROAD STREET, JOHNSTOWN, PA. 15907

ATTACHMENT II-B

January 15, 1975

Mr. Joseph Kovalchick Kovalchick Salvage Company 1060 Wayne Avenue Indiana, Pennsylvania 15701

Dear Mr. Kovalchick:

Subject: Disposition of Saxton Station

This is to inform you that it has been determined that regulatory approval is not required for the disposition of the Saxton Station which was one of the conditions in the contract you signed in Johnstown yesterday. Therefore, this is your notice that you are free to proceed with the dismantling and razing of Saxton Station as specified in your bid and our agreement.

Very truly yours,

EE

Manager-Generating Stations

dk

co:

MMM GG R. W. Conrad

IVM ...

RESIL.

(282)

JOB CONFERENCE REPORT

Subject: Date: Saxton Generating Station

November 25, 1975

Vork Order: Project Started: 311.3 January 1, 1975

Present:

Kovalchick Salvage Company

Penelec

ATTACHMENT III

XX 20.0.377

F. Koma

JJJ

UP-TO-DATE PROGRESS

- 1. Demolition of the plant is approximately 50% completed.
- 2. Contractor assured Penelec that he will be completed with all the demolition work by March 1, 1976.
- 3. All approvals have been received for the breaching of the dam and work is expected to be ompleted by December 31, 1975, except for seeding of the river banks which will be done during the spring of 1976.
- 4. 000 of Penelec's Eastern Division agreed to take care of the additional fencing required around substation after the demoliton work is completed.
- 5. PPP of the Real Estate Department has agreed to keep us informed of what part the Corp of Engineers will do with regard to the removal of the discharge pipe, etc.

The next scheduled me ag will be scheduled as necessary to suit job conditions.

Any contractor taking seption to the statements in this report, or any omissions, shall notify Penelec, in writing, within seven (7) days after receipt of these minutes, listing in detail the exceptions; otherwise, the report will stand as written.

PENNSYLVAN_A ELECTRIC COMPANY

222

JJJ

cc: PPP

R. W. Conrad

000

Gasa

EE

Kovalchick Salvage Company

NNN

AA / DD

RRR

VV.

FFF

Penelec / GPU

0

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

TYPE OF INCIDENT		ACCUSED A TAXABLE PARTY.		MARIN DEL PRINCIPIONI	3. DATE OCC	MARED	4. VICTI	ni denominamento monte.	STREET, STREET	-
Other					- Jan 14 154		4. 16.0			
SUSPECT	NAME (LAST	FIRST, MIDDLE	£)	-		ADGRESS			PHONE	
									7.110011	
ACTION	RACE	SEX	DOB	AG.	HEIGHT	WEIGHT	HAJR	EVES	SOCIAL SECURI	TY NO.
COMPANY OFFICIAL ACTION	IF PEHELEC EMPLOYEE		WORK LO	CATION	PO	SITION	EMPLI	DVEE KO	SUPER	IVISOR
NARRATIVE-LIST	1	ADDITIONAL IN	PVESTIGATION AN	ADDITIONA	L INFORMATION FR	OM ABOVE BLOCKS				
							-			
0	n January	27, 19	89, the 1	followi	ng invest	igation wa	s conduc	ted.	-	-
A	t 10:00 a	.m. Mr	. Stock A	and I a	rrived at	Mr. A	Δ re	sidence.		
locat	ed at						Mr.	AA	Market	_
state	ement fo	with	GG	had a	or a month	h at Willi	amsburg,	prior t	o his	
ai an	t part tr	ne best	of friend	ds. Wh	en this i	ncident oc	curred.	GG Was	not	
there	and I di	d not a	rque or	speak w	dith him a	bout it	The firs	t day th	is	-
occur	red,	DD	told	me he	was going	to the as	h site t	ecause h	e had	
(back	hoe and t	triaxial	truck)	and ask	ed him wh	at was hap	pening	and he s	aid he	and continuous
had_o	rders to	watch t	he activ	ity I	called	RE	and he	said he	didn't	
KhidW	what was	happeni	ng. Late	er that	day, or	the next d	lay, I go	t a c:11	from	
Kalph	L-Lonrac	1 00	n t know	that h	16- Di		WAS DOES	LOUS abou	+ 1+	-
It wa	s quite	obvious	he DD) becau	knew what	n't get ne was happe	rvous at	bout anyt	hing.	
calle	d EE was	s becaus	e he was	the ne	xt higher	level of	authorit	v. The	station	With the original states
	ictively (operatin	9- NO W	ere ger	erating e	lectricity	At th	at time	that	-
was t	the only a	ash site	in exis	tence.	PP		would	have def	initely	
- been	hauling i	sen at t	hat time	15	PP -didn	't see thi	s activ	ty, he w	ould	
na ve	nad to be	e blind.	1 don'	t know	why D	D	would ha	ve been	the one	
exact	time the	at Saxto	in was do	moliche	ty on the	ash site.	1 can	t rememb	er the	er montringer
WAS A	round the	e time t	hat I ha	d the	first prob	ured the t	cime of t	onned)	dent	
fact	that it	was pric	r to the	steam	accident	at William	ashura a	nd DD	d-the-	e Personale
-	DD -ja	ob re-ci	assifica	tion.	We buried	asbestos	bags in	Williame	burg:	
other	rs buried	garbage	in the	ash. 1	don't re	member any	thing e	se of		er colonic m
einni	ficance.	I don'	t know o	f the I	vdw doses	Williamst	SEM DATE	chosen t	o bury	
	SNEC artic	cles. I	remembe	r black	barrels.	dirt, and	concre	te with r	re-bar.	
the S		al +mint	The o	mly rea	scon I ini	tisted the	change	of		
the S	o triaxi	B-1								
the S in th class	of triaxi	n action	n with	DD	was	partly be	ecause o	f this in	ncident,	
in the S	offication other of	n action cmmunica	with	blems v	with DD	I don't	recall.	iustifyir	on the	
in the S	offication other of	n action cmmunica	with	blems v	with DD	partly be I don't s, using i	recall.	iustifyir	on the	
the S in th class among class	sification	n action cmmunica n change	n with htion pro with an	blems w	with DD y superior	I don't	recall.	iustifyir	on the	
the S in th class among class	other of	n action cmmunica n change	n with ption pro with an	y of my	with DD y superior	I don't	recall ,	iustifyir	a the	HONE
the S in th class among class Class	other of	n action communica n change	with stion pro with an son PREPARING drew E. N	NO OF MY	superior	I don't s, using 1	this inc	justifyir ident as	a the	
the S in th class among class	other of	n action	n with ption pro with an	NO OF MY	superior	EMPLOYE 9059	this inc	ident as	n work P	

Penelec 4GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

89-WM-2

INCIDENT NUMBER

CONTINUATION REPORT

was totally piced that I was promoted to Station Superintendent and he resented me for it, but we got along personally. We used to fly a lot together. No one ever said anything to me about the activity on the site, other than $\mathbb{D}\mathbb{D}$ and Ralph Conrad. When I talked to $\mathbb{D}\mathbb{D}$, he said the articles were from SNEC. He used the word SNEC, not Saxton. I don't know of any reason why the truck left with ash. That was very early in the activity. I feel so strong about this incident that I would take a polygraph test. I would sign a statement and have it notarized about this incident. I have given you all the information I know about this incident. I don't know why anyone would have wanted to bury something from SNEC in the ash site at Williamsburg. I don't know that Kovalchick Salvage ever worked at Williamsburg, while I was there." (This interview concluded at 11:15 a.m.)

Following the above interview, Mr. Stock interviewed Mr. AA relative to information he disclosed pertaining to other Penelec employees on January 13, 1989.

At 11:45 a.m., Mr. AA gave the following additional statement, "I certainly had no intention to cause this type of investigation, as a result of discussing this with BB . I said, to BB , what I told you initially and just dropped it. I never thought he'd say anything to cause all this. If I wanted to get back at anyone (Penelec or a Penelec employee), I would have gone to the paper and/or DER.

During the conversation, Mr. AA did admit to having "an ax to grind" with different Penelec employees during past incidents. Mr. AA did recall his handwritten letter, dated July 12, 1988, which he sent to Mr. Wise containing the statement, "Since October 1985, I know I have had an ax to grind.'

AA was advised that from all information gathered, there is no evidence to substantiate the fact that articles from SNEC were buried in the Williamsburg ash site in late 1975 or early 1976. Mr. AA was further advised that as a result of different scientific tests, which were conducted on the ash site, no above normal signs of radioactivity were detected. Mr. advised that he could supply to additional information which would aid in this investigation. Mr. AA further indicated that he wishes that this investigation never occurred and stated that he was happy that the investigation did not reveal any above normal signs of radioactivity in or matter pursued any further. Mr. AA advised that he does not wish to have this matter pursued any further. Mr. AA was then told that all necessary investigative steps will be accomplished prior to termination of this investigation.

PERSON PREPARING	REPORT (PRINT)	TYPE SIGNET AN AN
Andrew E.	Mollura	A. E. Molana

4 REVIEWED BY (INTERNAL AFFAIRS)

PAGE

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NUMBER

89-WM-2

At the conclusion of all discussion, and just prior to leaving Mr.

AA residence, Mr. wanted to discuss, off the record, events which occurred at Penele. back to 1969. Mr. AA began to discuss situations that occurred as ast, which he felt were wrong. I informed Mr. AA that although sesponsibility is to investigate any allegations of wrongdoing, he should have substantial information to indicate that wrongdoing, in fact, occurred. I additionally advised Mr. AA that if he was prepared to discuss acts of wrongdoing concerning Penelec, the Internal Affairs Department would investigate and all information he would give would be on record. Mr. AA then stated that he did not want to comment any further because any statements he may make would only be made as a result of suspicion, not fact.

At 12:30 p.m., Mr. Stock and I then left Mr. AA residence.

Attachment I is the original copy of the interview between Mr. Knubel and Mr. Montgomery. The penciled notations on the document were made by Mr. Montgomery.

Attachment II is a copy of the memo from Beverly Good, Sr. Environmental Consultant, located at SNEC, to John J. Reilly, Manager, Environmental Licensing, located at Penelec. The attachment contains all results of water samples and radiological surveys taken at Williamsburg. The attachment indicates that all samples and surveys revealed no above normal sign of radioactivity.

It should be noted that in addition to the monitoring points listed on supplement report, dated January 10, 1989, MP-11 and MW-10 monitoring points were also sampled.

At 4:00 p.m., a review of all information received to date was made with Mr. Herbein. A telephone conversation was then held with Mr. Wise, Mr. Herbein, and me from Mr. Herbein's office. Mr. Wise was given all information received to date, at which time he recommended that an executive summary be prepared relative to this investigation. Mr. Wise was advised that following the preparation of the executive summary and review by appropriate Penelec personnel, this investigative report will be submitted to Mr. Knubel for review and further distribution to the NRC.

5350U

Andrew E. Mollura & Mollura

4 REVIEWED BY INTERNAL AFFAIRS!

5

PAGE

3 04

CONFIDENTIAL

ATTACHMENT I

UNUSUAL OCCURRENCE 03-89

January 17, 1989

J. Knubel - Nuclear Security Director

Morris Corp. Center

File

On December 13, 1988, at approximately 1130 hours, 3. Kline and I met with Mr. Clay Montgomery, a retired employee. The purpose of this meeting was to question Mr. Montgomery on any knowledge or information that he might have concerning SNEC activities in the 1974, 1975 and 1976 timeframe.

Mr. Montgomery provided the following general history:

thereafter, all fuel was removed and sent to the AEC facility at Savannah River. The AEC owned the fuel and SNEC paid a use burnup fee. *In late 1972, the control rods were shipped for disposal to West Valley, New York After fuel removal, an amendment to the Alicense was submitted to the NRC? A general decontamination effort was initiated. Mr. Montgomery stated that this general effort continued until late 1973. The last shipment of radioactive material left the site late 1973 and the last shipment was shipped to Mooreshead, Ky. for turned.

CONFIDENTIAL

1000

I questioned he late 1973 estable end of cleanup date because of a verbal history received from J. Auger. Mr. Montgomery assured me his dates were correct. SNEC Personnel Laft The S. to 1973. As Inemember if we seek of 1973. As Inemember if we seek of 1973. As Inemember if we activities between June 1975 and June 1976. He said he did not have first-hand knowledge, but he knew that the demolition of the steam plant was accomplished in that timeframe. He also related a story on how a contractor took the "clinkers," ground them up onsite, and sold the grit to the Highway Department for use as an anti-skid agent.

I asked IIr. Montgomery if he was aware of any shipments from SNEC to the Williamsburg Station in the fall of 1975 or early 1976. He stated that this could not have happened. He would have had to authorize any release of material from the site, and there were no releases during the period in question. Furthern one site that no means of themselves any material from the site.

*This information was provided via telephone by Mr. Montgomery at about 1615 on Jan. 13, 1989.

CONTINENTIAL

I asked if he knew Mr. AA He stated that he did. He had contacted Mr. AA the then Williamsburg Station Superintendent in 1980 or 1981, to have his personnel fabricate mesh window covers. Mr. Montgomery did not know Mr. AA in the 1975 timeframe and stated that he probably would not recognize him today if he met him.

I explained to Mr. Montgomery the account given by Mr. AA and asked Mr. Montgomery if he would comment.

Mr. Montgomery stated that Mr. AA probably saw steam stee demolition material if he saw anything. Mr. Montgomery asked me if Mr. AA left Penelec under favorable circumstances. I stated that while I could not provide details, it was my understanding that 'AA was let go about 6 months ago. Mr. Montgomery then stated another possibility was Mr. AA was trying to stir something up; although there were better ways to do that. MA. Mantgomery questioned by the Mar. AA was trying to stir something up; although there were better ways to do that. MA. Mantgomery questioned by the Mar. AA was trying to stir something up; although there were better ways to do that. MA. Mantgomery questioned by the Mar. AA was trying to stir something up; although there were better ways to do that. MA. Mantgomery questioned by the Mar. AA was trying to stir something up; although there were better ways to do that. MA. Mantgomery questioned by the Mar. AA was trying to stir something up; although there were better ways to do that. MA. Mantgomery questioned by the Mar. AA was trying to stir something up; although there were better ways to do that. MA. Mantgomery questioned by the Mar. AA was trying to stir something up; although there were better ways to do that. MA. Mantgomery questioned by the Mar. AA was trying to stir something up; although there were better ways to do that. MA. Mantgomery questioned by the Mar. Was trying to stir something up; although there were better ways to do that. Mantgomery what color barrels were used for SNEC disposal of

contaminated materials. Mr. Montgomery stated that yellow barrels were used. Mr. Montgomery further stated that underground tanks were dug up and filled with contaminated material before shipped for burial.

ENTIAL

Mr. Montgomery affirmed that there is no instance he is aware of that SNEC had sent any radioactive material to an unauthorized/unlicensed facility for burial.

Mr. Montgomery did provide us with additional insight into the history of SNEC, including the Karl Plumlee inspection in 1979, the reorganization, etc.

This memo is considered preliminary until review and concurrence by Mr. Montgomery.

Jim Knubel Ext. 7648

Clay Hontgomery

concurs with changes noted.

JK:nh 2060/4-5



QPU Nuclear Corporation
One Upper Pond Road
Parsippany, New Jersey 07054
201-316-7000
TELEX 136-482
Writer's Direct Dial Number:

January 17, 1989

Mr. Clay Montgomery

Dear Clay:

Thanks for meeting with John Kline and me for lunch last Friday. The information you provided was very helpful and informative.

I have enclosed my documentation to file of our conversation. I would appreciate if you would review it, make any changes, corrections or additions, sign it and return it to me.

If you have any questions, please call me (316-7648).

Again, I want to thank you for your time and cooperation.

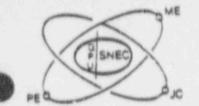
Very truly yours,

J4m Knubel

Nuclear Security Director

JK:nh 2060Q/12

Enclosure



SATTON NUCLEAR EXPERIMENTAL CORPORATION

Jersey Central Power & Light Company Pennsylvania Electric Company Metropolitan Edison Company

ATTACHMENT II

Inter-Office Memorandum

Date January 25, 1989 SNEC-89-0019

Subject SURVEY OF THE PENELEC WILLIAMSBURG COAL PLANT

To John J. Reilly Location
Manager, Environmental Licensing, Penelec

EC - Commerce Park

The following information is enclosed:

- Analysis results of 5 water samples taken from the old flyash disposal site.
- Analysis results of flyash and bottom ash collected from the new flyash disposal site.
- 3. Radiological survey results of the old and new flyash disposal sites.
- Chain of custody form from the 5 water samples.

All analysis and radiological survey results were consistent with natural background radioactivity and radiation. Naturally occurring sources, including radiations of cosmic origin and natural radioactive materials in the air, water, and soil are detected in most environmental samples. There were no detectable concentrations of man-made (fission product) radionuclides.

Measurements of low radioactivity concentrations in environmental media requires special analysis techniques. Our GPU Nuclear Environmental Radioactivity Laboratory (ERL) uses germanium detectors with multi-channel analyzers (gamma spectrometry) to measure very small quantities of gamma emitting radionuclides. This analysis technique was used for the water, flyash, and bottom ash samples.

The analysis results of the water, flyash, and bottom ash samples are reported in the amount of radioactivity per unit of weight (gm) or volume (liter). The common unit of radioactivity is the curie. Because of the extremely small amounts of radioactive material in the environment, it is more convenient to use fractions of a curie such as picocurie (one trillionth of a curie).

All of the water samples contained less than the lower limit of detection (LLD) of the counting equipment. In other words, the radioactivity was either too small to measure or was not present. The flyash and bottom ash samples

contained actinium-228 (Ac-228), radium-226 (Ra-226), and potassium-40 (K-40). All of these radionuclides are naturally occurring and are consistent with coal and flyash samples analyzed by the EPA from all major coal producing regions in the U.S.

Radiological surveys of the cld and new flyash disposal sites were conducted using sensitive portable radiation detectors capable of measuring environmental levels of gamma radiation. The limitations of this survey methodology are that any radiation being emitted from below 2 feet in the soil would not be detectable. The survey results of the old and new flyash disposal site are recorded in dose rates (uR/hr). The unit of radiation dose is the rem. For environmental radiation exposures, it is convenient to use the small unit of microrem (uR) (one millionth of a rem). When radiation exposure occurs over periods of time, it is appropriate to refer to the dose rate (uR/hr).

Over 250 radiation measurements were taken of the old flyash disposal site. Readings ranged between 6 to 15 uR/hr and are consistent with natural background radiation. Radiation measurements were also taken of the new flyash disposal site. Readings were typically higher than the old flyash site and ranged between 9 to 20 uR/hr. These readings are also consistent with natural background radiation. The old flyash site is covered with soil and thus the lower radiation measurements. Soil in this region typically contains less natural radioactivity than coal and flyash.

If I can provide further explanation and clarification of analysis and survey results, please give me a call (717-540-4517).

Beverly Good

Sr. Environmental Consultant

/cb:0529S

cc: J. Auger

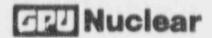
G. Baker

J. Hildebrand

S. Molello

T. Murphy

File: 2412.26

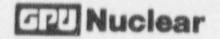


DR. GARY G. BAKER
TMI Environmental Controls
GPU Nuclear Corp.
Harrisburg, PA 17110

10% 11 4

GPU Nuclear Corporation Environmental Radioactivity Laboratory 2574 Interstate Drive Herrisburg, PA 17110 Writer's Direct Diel Number: 717-540-4514

	metry of Water ION ID COLLECTION	RESULTS IN pci/1 +/- 2s	
045107 SP-WA-	MW-10 Start: 010989 11:55 Stop: 010989 11:55	BA-140 Less Than 30 CO-58 Less Than 9 CO-60 Less Than 10 CS-134 Less Than 30 CS-137 Less Than 10 FE-59 Less Than 16 LA-140 Less Than 16 LA-140 Less Than 10 MN-54 Less Than 9 NB-95 Less Than 11 ZN-65 Less Than 17	
	坐起收集的年龄的现在时间间的现在时间最高的有效的现在分词	张明宗教政治教育政治教育科学 和安徽教会政治教育教育教育教育	VERM
Signat	ure: Boy B. S.U	Date: 123AN 89	



GPU Nuclear Corporation Environmental Radioactivity Laboratory 2576 Interstate Drive Harriaburg, PA 17110 Writer's Direct Dial Number: 717-560-4514

Date: 125AN 89

DR. GARY G. BAKER
TWI Environmental Controls
GPU Nuclear Corp.
Harrisburg, PA 17110

Signature:

Roger B. S. M.

PU ID STATION	ID COLLECTION	RESULTS IN pci/1 +/- 2s
45106 SP-WA-MP-4	Start: 010989 11:3 Stop: 010989 11:3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



GPU Nuclear Corporation Environmental Radioactivity Laboratory 2574 Interstate Drive Harriaburg, PA 17110 Writer's Direct Nial Number: 717-540-4514

Date: 12 JAN 89

DR. GARY G. BAKER
TMI Environmental Controls
GPU Nuclear Corp.
Harrisburg, PA 17110

Signature: Rryn B. All

Sample Type: WATER (UNSPECIFIED Analysis Type: Gamma Spectrometry	of Water						
GPU ID STATION I	D C	COLLECT	ION	RESULTS	IN pci,	/1 +/- 2:	S
045105 SP-WA-MP-3	Start: Stop:			BA-140 CO-58 CO-60 CS-134 CS-137 FE-59 LA-140 MN-54 NB-95 ZN-65 ZR-95	Less Less Less Less Less Less Less Less	Than 30 Than 14 Than 17 Than 20 Than 11 Than 20 Than 18 Than 10 Than 15 Than 50 Than 19	



GPU Nuclear Corporation Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

DR. GARY G. 3AKER
TMI Environmental Controls
GPU Nuclear Corp.
Harrisburg, PA 17110

Analysi	(UNSPECIFIED) s Type: Spectrometry	of Wate	r					
GPU ID	STATION ID		COLLECT	ION	RESULTS	IN pci	/1 +/-	2s
045104	SP-WA-MP-2	Start: Stop:	010989		BA-140 CO-58 CO-60 CS-134 CS-137 FE-59 LA-140 MN-54 NB-95 ZN-65 ZR-95	Less Less Less Less Less Less Less Less	Than Than Than Than Than Than Than Than	30 14 13 30 16 20 17 12 14 70 20

Signature: Ry B. 911 Date: 12 JAN 89



DR. GARY G. BAKER
TMI Environmental Controls
GPU Nuclear Corp.
Harrisburg, PA 17110

Signature: Boyn B Rill

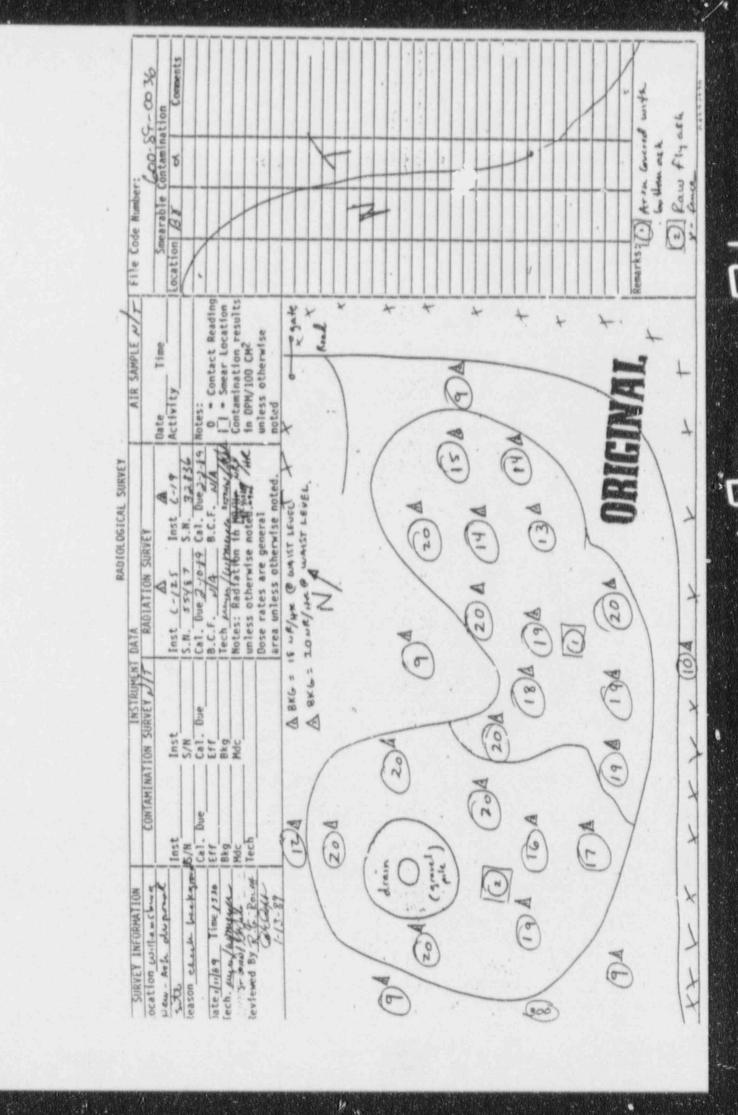
GPU Nuclear Corporation Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

Date: 12 JAN 89

WATER (U	pe: NSPECIFIED) Type: ectrometry		r					
GPU ID	STATION II) (COLLECT	ON	RESULTS	IN pci/	1 +/-	2s
045103 S	SP-WA-MP-1	Start: Stop:	010989		BA-140 CO-58 CO-60 CS-134 CS-137 FE=59 LA-140 MN-54 NB-95 ZN-65 ZR-95	Less Less Less Less Less Less Less Less	Than Than Than Than Than Than Than Than	30 10 13 30 9 20 19 11

(998)

RADIOLOGICAL SURVEY File Code Number: AIR SAMPLE INSTRUMENT DATA SURVEY INFORMATION 600-89-003 RADIATION SURVEY CONTAMINATION SURVEY Smearable Contamination Location WWW.AMSBURG Date OLD ASH DISPOSAL SITE Location BY Comments Activity & Inst L-19 Inst L-123 Inst Inst S.N. 55487 S/N S/N Reasonpara ACQUISITION Cal. Due 3-2-89 Cal. Due 2-10-89 Notes: Cal. Due Cal. Due 0 - Contact Reading B.C.F. NA EFF Date !- [1-84 Time | 400 Eff Tech grithers whenly Co dist 12 mg | | = Smear Location Bkg T Bkg Tech Col dept Cr Acres Contamination results Notes: Radfation in MR/Hr Rdc Mdc in DPM/100 CM2 unless otherwise noted. Reviewed By RG. ROLPH unless otherwise Dose rates are general aradh area unless otherwise noted. 1-13-89 EAST. SIDE OF HILL (4) (4) (10) (10) (18) (18) (18) (1) (11) (10) (11) (11) (11) (11) (11) (11) (12) (12) (12) (12) (12) (12) (13) (13) (13) (13) (13) (13) (13) (12) (13) (14) (16) (14) (12) (12) (12) (12) (12) (12) (12) @ (m) (m) all readings in mero-R/HK later fill area conevel with several feet of O: ACRONAST TAKEN WITH L-103 \$55487 O: READINGS TAKEN WITH L-12314 \$ 3286 - JUNIATA RIVER BKG AT WAIST LEVEL : 11 ME/HE 0413/178



RADIOLOGICAL SURVEY AIR SAMPLEN/Ti File Code Number: INSTRUMENT DATA 600 - 89-0034 SURVEY INFORMATION RADIATION SURVEY CONTAMINATION SURVEY NIT Smearable Contamination Location Wilhams burg Date Time Comments old ash disposal sile Location Bx Activity Inst 1-19 Inst 4/25 Inst Inst S.N. 31836 S.H. 55487 S/N 5/N Reason Backgrounds Cal. Due2-10-89 Cal. Due 22-49 Notes: Cal. Due Cal. Due 0 - Contact Reading Date 1/4/89 Time ,400 Eff Eff | - Smear Location Bkg Tech. Mayor Whilewill Bkg Contamination results Mdc Mdc in DPM/100 CM2 unless otherwise noted. Reviewed By RG. ROLPA Tech unless otherwise Dose rates are general dragh noted area unless otherwise noted. 1-13-89 WEST SIDE OF HILL SOO O O O O O O O O O O O O Notes: all reduces in mero- R/HK Remarks: O L-19 background & word faul 8-10 enter fell area council with several feet of soil O 1-135 Background & martheol 10-11

0413/178



GPU Nuclear Corporation Environmental Radios tivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

DR. GARY G. BAKER
TMI Environmental Controls
GPU Nuclear Corp.
Harrisburg, PA 17110

REPORT OF ANALYSIS :ample Type: SOLIDS * Analysis Type: Gamma Spectrometry of Solids, wet weight GPU ID | STATION ID | COLLECTION RESULTS IN pCi/gm(wet) +/- 2s 045194 SP-SX-BA Start: 011189 15:30 Stop: 011189 15:30 1.4 +/- 0.2 AC-228 AG-110M Less Than 0.04 BE-7 Less Than 0.4 CO-58 Less Than 0.06 CO-60 Less Than 0.06 CS-134 Less Than 0.12 CS-137 Less Than 0.06 I-131 Less Than 0.07 K-40 10 +/- 1 MN-54 Less Than 0.06 NB-95 Less Than 0.06 3.7 +/- 0.6 Less Than 0.3 RA-226 U-235 Less Than 0.3 ZN-65 Less Than 0.1 ZR-95 * BOTTOM ASH from Williamsburg Plant T 不可以或者有有,我们就是我们就会就是这种的,我们就是我们的,我们就是我们的,我们就是我们的,我们也会会会会会会会的。

Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

(202)

Date: 1/21/89



GPU Nuclear Corporation Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Diel C-mber: 717-540-4514

DR. GARY G. BAKER TMI Environmental Controls GPU Nuclear Corp. Harrisburg, PA 17110

REPORT OF ANALYSIS Sample Type: soLIDS * Analysis Type: Gamma Spectrometry of Solids, wet weight GPU ID | STATION ID | COLLECTION | RESULTS IN pCi/gm(wet) +/- 2s

045193 SP-SX-FA Start: 011189 15:30 Stop: 011189 15:30

> AC-228 2.1 +/- 0.2 Less Than 0.05 AG-110M BE-7 Less Than 0.5 CO-58 Less Than 0.03 Less Than 0.07 CO-60 Less Than 0.14 CS-134 CS-137 Less Than 0.07 I-131 Less Than 0.09 13 +/- 1 Less Than 0.07 K-40 MN-54 NB-95 Less Than 0.07 RA-226 7.2 +/- 0.7 U-235 Less Than 0.3 Less Than 0.3 ZN-65 ZR-95 Less Than 0.11

* FLY ASH from Williamsburg Plant

Date: 1/21/89 Approved: Raymond J. Danahy

以表现现在,以为对于,以为对于的对方的。如果是是对对对对的的。如果是是对对对的的的。如果是是对对对对对的的。如果是对对对对对对对对对对对对对对对对对对对对对对对的

Dr. Raymond J. Danahy Environmental Radioactivity Laboratory Manager

FIELD SAMPLING DAIL, CHAIN-OF-CUSTODY FORM

STATION: WILLIAMSBURG

99

SAMPLERISS: I ALBRICHT

		Is	Time					Ma	ter Qualit	Hater Quality Parameters	П
Nonitoring Point or Sample Number	Sample	Sampled	Analyzed	Sample lype"	Number of Containers	Analysis Required**	Ha	Teno	Flow	# ando	
1-0 W	1-9-89	10:45		82	,					045/03	1
MP-2	1-9.89	11:10		8	,					401\$104	
MP-3	1-9.89	11:30		8	/					2018105	ZI.
may	1-9-89	11:30		в	,					045106	_
01-mu	68-6-1	11:55		9	,					045/07	
							CA STREET, CASE				
COMMENTS:				ABNORMA	ABMORMAL COMBITTOMS:					- SAMPLE TYPE	
				WEATHER	WEATHER CONDITIONS:	,				6 = Grab 8 = Bailer C = Composite P = Pump	
Relinquished by: (Sampler Signature)	88	Date	1/8/87	Rece Time 14	Received by: 14:34 (Signati	(Signature) Roy K. D.	8	Secto. Date		1-9.89 Time 14.34	34
Relinquished by: (Signature)	2 Sough	Date	1/2/89	Time	Received for Laboratory by: 16:00 (Signature)	ure) Mun	The same of the	T	1-/-	2) Date 1-12-89 Time	
COPIES: WHITE - Lab R	Lab Report to Station Lab Report to Environmental Affairs Samplers Copy	tal Affairs				Services Request, do not complete this se	equest,	compani do not	ed by a G complete		
ACCOUNT.					SHIP TOWNS					Bar. A.	

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

2. TYPE OF INCIDENT					3. DATE DCC	UMRED	4 VICTIO		
Other									
8 SUSPECT	NAME (LAST.	PARST, MADDLE)				ADDRESS			PHONE
D LEGAL ACTION D COMPANY	RACE	SEX	508	AGE	HEIGHT	WEIGHT	HAM	EYES	SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK LC	CATION	PC	smon	EMPLO	YEE NO.	SUPERVISOR
6 NARRATIVE-LIST	ALL RESULTS OF A	DOTTICWAL INVI	ESTIGATION A	ND ADDITIONAL	INFORMATION FR	OM ABOVE BLOCKS			
O: Herbe	n February in with co	7, 1989 pies to	H. M.	class, J	r., R. C.	e Summary Conrad, A	was sent	manchik,	Jr.,
J. L.	Greco, J.	Knubel,	, and R	. L. Wis	е.				
543.60									
5416U									
			Marie Carlos						
				HEIR					

# NOT CLEARED		Andre	sw E. M	nepont (PRINT	A. E. Moll	EMPLOYEE P		ORK LOCATION	WORK PHONE 8974
-7-89 11:	OO a.m.		W-UP ACTION MENDED	,	D YES (11 R)	MASTINI VE DEWSIVE			12 PAGE 1 OF 1

INTER-OFFICE MEMORANDUM



LOCATION

Johnstown, EMC-1

DATE February 7, 1989

FROM Andrew E. Mollura

TITLE Internal Affairs - Manager

PHONE Ext. 8974

SUBJECT Executive Summary of Williamsburg Station Investigation - 89-WM-2

TO J. G. Herbein

Submitted for your review is a summary of an investigation, conducted by the Internal Affairs Department, relative to an allegation made that material from the Saxton Nuclear Experimental Corporation (SNEC) was buried in the Williamsburg Station ash site.

REASON FOR INVESTIGATION

AA a former Penelec employee, alleged that material from SNEC was transported to and buried in the old ash site at Williamsburg between the latter portion of 1975 and the early portion of 1976. Mr. AA suspected that the buried material may have been radioactive.

CONCLUSION

There is no evidence to support that anything from SNEC was buried in the old ash site, or any other location, on the Williamsburg Station property.

SYNOPSIS OF INVESTIGATION

During a conversation which BB Superintendent - Williamsburg Station Operations, had with AA , information was disclosed by Mr. AA that material from SNEC was buried in the old Williamsburg ash site. Mr. AA further advised that he did not know if the material was radioactive. This activity occurred in the latter portion of 1975 or early 1976, as related to Mr. BB Following the conversation with Mr. AA Mr. BB notified CC , Manager of the Williamsburg Generating Station, of his discussion with Mr. AA . Mr. CC then notified you, at which time the Internal Affairs Department was requested to conduct an investigation.

Mr. AA was interviewed by me and stated that he observed a triaxial dump truck, containing black barrels and construction concrete, on the old ash site at Williamsburg late in 1975 or the early portion of 1976. In addition to the triaxial truck, a backhoe was also observed on the ash site. When Mr. AA confronted DD (deceased), who was the Superintendent of Station Operations at Williamsburg, to question him about the activity, Mr. DD would only tell Mr. AA that the material in the truck was from SNEC. Mr. AA stated that Mr. DD was the only Williamsburg employee who knew about the activity. Mr. AA then contacted his immediate superior, Ef (deceased),

who was the Manager of Station Operations, and questioned him about the activity. Mr. EE indicated to Mr. AA that he was not aware of the activity, but would attempt to ascertain what was occurring and recontact Mr. AA. Shortly after Mr. AA conversation with Mr. EE Ralph Conrad allegedly contacted Mr. AA and instructed him to not concern himself with the activity on the ash pile, as it was none of his business. Mr. AA then concluded that due to the cloak of secrecy surrounding the events which were occurring, he became very suspicious and felt that the material being buried may be radioactive. Because of Mr. Conrad's instruction, Mr. AA took no additional action.

Mr. Conrad was contacted as a result of the comment made by Mr. AA indicating that Mr. Conrad knew of the activity at Williamsburg. Mr. Conrad stated that he does not recall having a conversation with anyone about burying waste from SNEC at Williamsburg and would have never authorized SNEC material to be buried at Williamsburg, or any other Penelec facility.

Numerous additional interviews of past and present Penelec and contracted employees were conducted, yielding no information to substantiate the allegation.

Penelec's Saxton Steam Generating Station was dismantled at approximately the same time when this incident allegedly occurred. All documented and verbal information indicates that the contractor was only instructed to demolish and remove the material associated with the steam station. The information further revealed that all SNEC equipment and buildings were to be protected from damage, by the contractor, during the steam station's demolition. The contractor was to use whatever protective barriers necessary to accomplish this requirement. There is no information indicating that SNEC material was removed during the demolition of the Saxton Steam Station.

A file search, conducted by GPUNC employees, indicated that there were no radioactive waste shipments from SNEC during the time frame Mr. AA alleges this incident occurred.

Water samples from Williamsburg's old flyash disposal site and flyash and bottom ash samples from Williamsburg's new flyasi disposal site were collected for analysis. Radiological surveys of both sites, using hand held meters, were also conducted. The results of all tests were consistent with natural background radioactivity and radiation.

The Nuclear Regulatory Commission (NRC) and Pennsylvania Department of Environmental Resources (DER) were notified of this investigation.

At the conclusion of this investigation, Mi. AA was recontacted and maintained his position with regard to his allegation. Mr. AA was told that no evidence could substantiate his observation and that all scientific test results proved to be negative. Mr. AA indicated that he was satisfied with these findings and did not wish to have this matter pursued any further. Mr. AA was advised that this report will be reviewed by appropriate Penelec and GPUNC management prior to forwarding the report to the NRC. Mr. AA was assured that all necessary investigative action would be taken prior to the termination of this investigation.

(307)

J. G. Herbein February 7, 1989 Page 3 It should be noted that due to Mr. AA involuntary resignation from Penelec, and negative feelings he has toward various employees (Mr. Conrad in particular) at Peneiec, he has admitted that he has "an ax to grind." However, there is no evidence to support the fact that Mr. AA made this allegation as an act of retaliation against Penelec or any of its employees. Two "Upon Inquiry News Releases" were prepared by Penelec's Communications Department as a result of periodic updates furnished to the department throughout this investigation. Following the review of this memo by you and other appropriate members of Penelec's management, it will be forwarded to James Knubel, Director - GPUNC Security, for review and distribution to the NRC, accompanied by the detailed investigative report. Please contact me should you have any questions relative to this investigation or the contents of this memo. Andrew E. Mollura
Andrew E. Mollura /mm:5351U cc: H. M. Class, Jr. R. C. Conrad A. S. Furmanchik, Jr. J. L. Greco J. Knubel R. L. Wise



PENNSYLVAMA ELECTRIC COMPANY INTERNAL AFFAMS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT MUMBER

2. TYPE OF INCIDENT				3. DATE OF	CCURRED	4. VICTIM	
Other		0					
6. SUSPECT	NAME (LAST.	FIRST, MIDOLE)			ADDRESS		PHONE
D LEGAL ACTION	RACE	SEX	DOB AG	HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK LOCATION		POSMOR	EMPLOYEE NO	SUPERVISOR
6 KARRATIVE-LIST	ALL RESULTS OF A	DOMINAL INVE	TODA DNA MOITADITE	TONAL BIFORMATION	PROM ABOVE BLOCKS	Yan and a second	
Or	n February	9. 1989	. the attac	hed "Upon I	nguiry News	s Release" was r	received
by me	pertainin	g to the	results of	this inves	tigation.	s Release" was r	
NATIONAL AND ADDRESS OF THE ADDRESS		Sendounce of the Person I man records to	CONTRACTOR CONTRACTOR CONTRACTOR		TOTAL SERVICE STATE STATE		
			Section Company of the Company	Marie de Companyon de Carrollo			
					C. Jakon Salpania Amerika		
5433U							
TOTAL CONTRACTOR CONTRACTOR		NA NEED PROPERTY AND ADDRESS OF THE PARTY AND			CONTRACTOR OF THE STATE OF THE		THE RESIDENCE OF THE PROPERTY OF THE PARTY O
er demonstrate de materiales, actuales							
	THE RESERVE OF THE PERSONS ASSESSED.						Service Annual Company of the Compan
O-16-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		THE RESERVE OF THE PERSON NAMED IN	-				
			ner a disense a			where our appears of the last	
							-
		-					
UNFOUNDED C	CLEARED	8 PERSON	PREPARING REPORT	PRING TYPE & SIGNI	EMPLOYEE	NO WORK LOCATIO	N WORK PHONE
A NOT CLEARED		Andrew E	. Mollura	A.E. Male	144 9059 REVIEWED BY INTERN	EMC-1	8974 12 PAGE
2-9-89 4:30	0 p.m.	RECOMM	MENDED	D NO		93	

INTER-OFFICE MEMORANDUM

CONFIDENTIAL

DATE

February 8, 1989

FROM

Paul Abram

TITLE Media Relations Manager

PHONE

8296

SUBJECT

Upon-Inquiry-Only Statement: Williamsburg/Saxton Investigation Ends

TO

CC

Attached for your information and use in case of questions from the media is a confidential upon-inquiry-only statement about the closing of the investigation into the possibility of Saxton Nuclear Station debris being buried at Williamsburg Station.

The statement, noting that nothing of an unusual nature was discovered during the investigation, has been approved by J.G. Herbein and R.L. Wise.

The Communications Department in Johnstown also will use the statement to respond to media questions, if any.

PAUL ABRAM

8965C/pta

cc: C.A. BURKETT (with attachment)

R.W. CONRAD (with attachment)

J.G. HERBEIN (with attachment)

RR (with attachment)
SS with attachment)

R.L. WISE (with attachment)

Penelec / GPU

Johnstown

LOCATION

February 8, 1989

Updated upon-inquiry-only statement re Williamsburg/Saxton

Nothing of an unusual nature was found during a thorough investigation of the possibility that some debris from the old Saxton Nuclear Station had been buried at the Williamsburg Station. The investigation was conducted by officials of Penelec 362 172 Nuclear Corp.

The Saxton station site is in Beo. Ford County, and the Williamsburg Station is about 20 miles away in Blair County.

The Nuclear Regulatory Commission and the Pennsylvania Department of Environmental Resources were told about the investigation, which centered on information that debris from mid-1970's dismantling activities at the Saxton station had been buried at the old ash-disposal site at Williamsburg.

The investigation determined there was no evidence that debris, either from the nuclear operation at Saxton or from an old coal-burning generating station there, had been buried at Williamsburg.

Nothing to substantiate the information was found during scientific tests at Williamsburg and during interviews with former station employees, present employees of Penelec and private contractors.

8864C

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

TYPE OF INCIDENT		Market Control of the	-	-	3. DATE DCC	URRED	4. VICTIA	A	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, WHEN THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, WHEN THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, WHEN THE PERSON NAMED IN COLUMN TRANSPORT OF THE OWNER, WHEN THE PERSON NAMED IN COLUMN TRANSPORT OF THE OWNER, WHEN THE OWNER, W
Other									
SUSPECT	NAME (LAST)	FIRST, MIDOL	E)			ADDRESS			PHONE
ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO.
OFFICIAL	IF PENELEC		WORK L	DCATION	PO	SMON	EMPLO	YEE NO.	SUPERVISOR
ACTION NARRATIVE-LIST	ALL RESULTS OF	ADDITIONAL IN	EVESTIGATION A	AND ADDITIONA	L INFORMATION FR	OM ABOVE BLOCKS			
		W designature							
the s	n Februar	y 13, 1	989, a c	opy of	this inver	tigation, was deliv	up to a	nd inclu	ding
his r	eview.	report	uateu r	ebruary	7, 1909,	was deliv	ered to	mr. wise	Tor
	N FARMISM	0 121 1	000 1 8	NAV LITTER	NO WAS	*** ***			
						and Mr. H			
Both	individua	is indi	cated th	nat the	report sho	ould be se	nt to GP	UNC for	review.
Α	ttachment	I is a	CODY Of	a lett	er sent hi	Dr. Grec	0 to the	DED 35	to miles
the a	gency of	the res	ults of	this in	vestigation	on.	o to the	DEK. IN	rorming
						William Street, Square, St. Street,			A . 3 . 3
to th	e two dem	inerali	zers ser	nt to th	e william!	, 1989, an sburg Stat	ion from	Saxton	Ine
aemi n	eralizers	were n	oused in	the Sa	xton Stati	on howev	pr they	carvira	d the
water	used for	genera	tion at	SNEC.	Mr. BA	indicate 974 and th	d that t	he	
and p	robably p	laced 1	n black	barrels	and burie	ed in the	ash site	On Au	aust
11, 1	9/5, one	of the	two demi	ineraliz	ers was re	emoved fro	w. servic	e due to	3
neak.	tion Du	ng the	repair (of the d	eminerali:	zer, it wa	s placed	back in	to
resin	Mr.	fe fe	els that	t the re	esin was	removed an	in replac	ed with	new
it wa	s during	the 197	4 resin	replace	ment.	isposeu oi	in the	same man	ner as
A	ttachment	II is	a memo i	from	LLL	to	AA	dated	August
15, 1	9/5, rega	rding t	he repar	ir of th	e deminer	alizer on	August T	1, 1975.	August
				-					
F4461									
54491									
		-	*****				-		
-	THE SAME INCOMES AND ADDRESS OF THE PARTY OF		-						
			-						
			# D.L. B. P. P. L. B.	G REPORT (PR	HT/TYPE & SIGN)	14 EMPLOYE	ENO	HOOK STATE	
UNFOUNDED	CLEARED	8 PER	SOM PREPARING				E 1985.2	WORK LOCATION	
NOT CLEANED		An	drew E.	Mollura	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Chen 1 9059		EMC-1	
UNFOUNDED D NOT CLEANED DATE/TIME PREP 14-89 4	ARED	An 10. FOL		Mollura	A. E.M	111			8974



February 9, 1989

Pennsylvania Electric Company 1001 Broad Street Johnstown Pennsylvania 15907 814 533-8111

Writer's Direct Dial Number 814-533-8605

Mr. Michael R. Steiner
Regional Solid Warte Manager
Bureau aste Management
Departs onmental Resources
One & arst 1
Har burg 0

Dea_

d last week, Penelec has completed its investigations into the al. made by the former Penelec employee relative to the disposal of material at the Williamsburg ash disposal site. The NRC will be reviewing Penelec's investigative report and determining if any additional activities are necessary.

Per our conversation of last week, I have attached a part of this report which discusses the radiological analysis that was conducted on water samples obtained from the groundwater monitoring wells at the station and by a "walk around" the site with a Geiger counter. Based on this information, I believe the allegation has been shown to be without basis. We will await a determination by the NRC on this matter.

Thank you for your assistance in this matter. If you have any questions or comments, please call me.

Sincerely,

James L. Greco, Ph.D.

Manager, Environmental Affairs

JLG/njc

Attachment

cc: E. R. Cathcart

1470d

bcc: A. E. Mollura

PENNEYLVANIA BLECTRIC COMPANY

00

INTER-OFFICE MEMORANDUM / suplimen yangen file for record purposes.

OFFICE

August 15, 1975 Williamsburg Station

PERMI

Demineralizers

Cation Bo. 1

On August 11 this unit was taken out of service because of a leak in the lining. Look was repaired by walding. The look was so located that the heat would not burt the lining. After welding, area was covered with Davoc The second second second Urathane putty.

dation No. 1 was then loaded with ten (10) on. ft. IB-122 regime.

Amion No. 1 was loaded with five (5) ou, ft. of Marked aggred with five (5) at the of the

These units will be given a triple back-to-back regeneration, put into services, with knock-off point set at 3500 gals., then regenerated and the knock-off point set at 3 mbos.

Note: The wrathene will have a 45-hr, ours before regeneration eters are started.



PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT WUMMER

Other					RED	4. VICTIM	
other		•					
SUSPECT	NAME (LAST, F	FIRST, MIDDLE)			ADDRESS		PHONE
ACTION	RACE	SEX DOR	AGE	HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO
COMPANY OFFICIAL ACTION	IF PENELEC EMPLOYEE	WOR	RX LOCATION	POS	TION	EMPLOYEE NO	SUPERVISOR
LARRATIVELIST	ALL RESULTS OF A	DOMONAL INVESTIGATION	ON AND ADDITIONAL	INFORMATION FRO	A ABOVE BLOCKS		
Or	n February	15, 1989. tv	wo copies	of this re	port were	sent to Mr. Knu	bel by
over r	night mail.	1					
						have revealed	
						atement made by	
this t	time. Howe	ever, pending	g the revi	ew of this	report by	Mr. Knubel and	the
NRC, I	block #10 v	will continue	e to indic	ate "yes"	until such	time that any	
possit	ble question	ons by Mr. K	nubel and/	or the NRC	have been	satisfied.	
				THE RESIDENCE OF THE PARTY OF T	-		
5456U	CA COLOR DE CONTRACTOR DE CONT			****			***************************************
C UNSQUINDED	C CLEARED	S PERSON PREC	ARING REPORT (DR	NT/TYPE & BUCH			
			ARING REPORT (PRI	NT/TYPE & SIGN)	EMPLOYEE 9059		
C UNFOUNDED R NOT CLEARED DATE/TIME PREI		6 PERSON PREFA Andrew E.	Mollura	1 Emole	EMPLOYEE 9059 VIEWED BY INTERN	EMC-1	ON WORK PHONE 8974

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

					3 DATE OCC		4 VICTIA		
TYPE OF INCIDENT	1				3. DATE OCC	UMMED	a. Victor		
Other				-					
SUSPECT	NAME ILAST.	FIRST, MIDDLE	h			ADDRESS			PHONE
LEGAL ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY
COMPANY OFFICIAL ACTION	IF PENELEC BMPLOYEE		WORK LC	CATION	PO	smor	EMPLO	OYEE W.	SUPERVI
Or dated Auger (NRC M made t were s advise that (Build)	march 14 March 14, met with MRR Projectory Mr. Aug satisfied and Mr. Aug GPUNC retaing in Har	, 1989, 1989. Messrs. t Manage er at wi with the er that in a co risburg	I recei The mem A. Wead er - Sax hich tim e conclu they di py of th . PA for	ved a tallock (NR (ton). he Messrusions old not whe report	elefax of ched to t C I&E Rad A review s. Weadoc f the inv ant to re t at the during s erbein. F	a memo prints report iation Speof the invited and Adam estigation view the remergency ome future urmanchik,	repared b t, indica ecialist) vestigati ns indica n. The i report bu Off-site NRC aud	ites that and A. Ive reported that individual tregues a Facilitit of Sa	Adams T was t they als sted ty axton.
conter Ir and the representations	s of the a nts of the n view of he investi sentatives ional info investigat ts will be	ttached memora the fac gation of the rmation ion, th	memoran ndum on t that a has been NRC, th be rece is repor	March 1 all aven review is inve	4. 1989. ues of in ed with P stigation the futu	vestigation enelec and will be of re which w	on have be d GPUNC m closed.	peen exha managemen Should a	nusted nts and any
conter	nts of the n view of he investi sentatives ional info investigat	ttached memora the fac gation of the rmation ion, th	memoran ndum on t that a has been NRC, th be rece is repor	March 1 all aven review is inve	4. 1989. ues of in ed with P stigation the futu	vestigation enelec and will be of re which w	on have be d GPUNC m closed.	peen exha managemen Should a	nusted nts and any
and the representation of the report of the	nts of the n view of he investi sentatives ional info investigat ts will be	ttached memora the fac gation of the rmation ion, the submit	memoran ndum on t that a has been NRC, th be rece is repor ted.	ndum. M March 1 all aven n review nis inve- eived in rt will	4. 1989, ues of in ed with P stigation the futu be reopen	vestigation enelection will be or which we and the	on have be GPUNC molosed. would request proper	peen exhananagemen Should a quire aid suppleme	usted hts and any d in ent
conter In and the representation of the report of this report of the re	nts of the n view of he investi sentatives ional info investigat ts will be	ttached memora the fac gation of the rmation ion, the submit	memoran ndum on t that a has been NRC, th be rece is repor ted.	ndum. M March 1 all aven review nis inve- eived in rt will	4. 1989. ues of in ed with P stigation the futu	vestigation enelection will be or which we and the	on have be GPUNC molosed. would request proper	work Location	nusted ints and any in in ent work PHO
and the representation of the report	nts of the n view of he investi sentatives ional info investigat ts will be	ttached memora the fac gation of the rmation ion, th submit	memoran ndum on t that a has been NRC, th be rece is repor ted.	ndum. M March 1 all aven review nis inve- eived in rt will	ues of in ed with P stigation the futube reopen	vestigation enelection will be or which we and the	on have be GPUNC molosed. would require proper	peen exhananagemen Should a quire aid suppleme	usted hts and any d in ent

GPP Nuclear

Memorandum

SubjectNRC Review of Williamsburg Flyash Disposal Site Investigation Report Date March 14, 1989

From J. Auger - Environ. Lic. Engineer

Location:MCC C330-89-058

To J. Knubel - Nuclear Security Director

As you requested, this memorandum is intended to inform you of my discussions with representatives of NRC on the investigation report concerning allegations of unauthorized Saxton Nuclear Experimental Corporation (SNEC) radioactive waste disposal at the Williamsburg Station coal flyash disposal site.

On February 27, 1989, I was in the NRC Region I offices in King of Prussia, Pennsylvania, for a presentation to NRC on upcoming radiological survey work at the Saxton site. Upon completion of this presentation, I took advantage of the opportunity to initiate a private conversation with Messrs. A. Weadock (NRC I&E Radiation Specialist) and A. Adams (NRC NRR Project Manager - Saxton) to inform them that I had with me the completed investigation report concerning the unauthorized disposal allegations. I then offered the investigation report to them for review. They stated that they did not want to review the report at this time but requested that GPUN keep a copy of the report at the Emergency Offsite Facility (EOF) building in Harrisburg. Pennsylvania, for review during some future NRC audit of Saxton. I agreed to this request. I then spent several minutes detailing the conclusions of the report and answering their questions. Messrs. Adams and Weadock stated that, based on what I had told them, they were satisfied with the conclusions of the report.

If you have any questions or need additional information on this matter, please do not hesitate to contact me.

J. C. Auger Extension 796

/lml

cc: R. J. McGoey - Manager, PWR Licensing

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

TYPE OF INCIDENT		OCCUPATION AND ADDRESS OF THE PARTY.	THE PERSONNEL SPINS	-	3. DATE OC	CURRED	4 VICTI	М	Married Street, Street
Other									
SUSPECT	NAME (LAST, I	FIRST, MIDDLE	E)			ADDRESS			PHONE
EGAL ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
OMPARY OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK LI	OCATION	•	OSITION	EMPL	OYEE NO	SUPERVISO
the int	tegrity of his incide estigation uried in a s of the i	a stee nt alle conduc n ash s nvestig	el drum, egedly o cted int site for gation i	which hoccurred. o the in 15 year ndicate	as been The at tegrity s, based a low pr	from Mr. Knowried in an tachment is of steel drug on certain obability the	n ash p a deta ums sho assump nat anv	it since iled repould they tions.	the ort of have The
would i	remain int	act bey	yond 10	years of	exposur	e in this ty	pe of	an envir	onment.
informa	tachment I ation of t	I is a	copy of lew of t	a memo	sent to stigatio	the DER by h	Mr. Gre	co, cont	aining
			****	-	-				
	at our Committee was the a Management was								
56240									
30270		-							

		THE SECTION AND PROPERTY OF THE PERSON NAMED IN							
		TOO OF THE PERSON NAMED IN						*****	
UNFOUNDED	C CLEARED	8 PER	ISON PREPARIN	G REPORT (PRIN	IT/TYPE SIGN	Day // EMPLOYEE	NO.	WORK LOCATIO	N WORK PHON
DATE/TIME PREP			ndrew E.	Moliura	A C.	KEVIEWED BY INTERN	IAL AFFAIRS)	EMC-1	8974
-27-89	1:20 p.m.	REC	COMMENDED		ED NO		M		1 0

TPI Nuclear

Memorandum

ATTACHMENT I

Subject: Corrosion of a Steel Drum

in a Fly Ash Pit

March 9, 1989 Date:

From: S. M. French

Location: Reading Airport 5343-89-0089

Materials Engineer

J. Knubel

Director, Nuclear Security

SUMMARY

A 55 gallon steel drum was reported to have been buried in an ash pit approximately 15 years ago. Investigation into the literature available on the corrosion of steel in fly ash revealed very little actual data. However, extrapolation from available data on corrosion in freshwater, soils and varying pH contents would indicate a low probability of the container remaining intact beyond 10 years of exposure.

INVESTIGATION

Since little information was available regarding the container and the specific environment, certain assumptions had to be made. The drum was assumed to be a three ring drum, either grade 17H or 17C. Federal Regulations (CFR-49) specify either a two or a three ring drum, with two ring drums being closed top and almost exclusively for liquid storage. Grade 17H drums consist of 18 gage (0.0478" nominal, 0.0428" min., wall thickness) body and bottom, and 16 gage (0.0598" nominal, 0.0533" min., wall) top. Grade 17C is entirely 16 gage construction. This gives a worst case wall thickness of 0.0428" and a best case wall thickness of 0.0598", which translates to maximum corrosion rates before failure of 2.9 mils per year (mpy) and 4.0 mpy, respectively.

Chemistry data from Conemaugh's Ash Valley was used for pH levels in the ash pit. Prior to treatment, the fly ash leachate will have a pH of around 3.0, some times reaching 4.0. These values were assumed to be typical. Corrosion rates from the corrosion of steel in the Monongahela River, with pH 4.0 - 5.0 were used as a base line. From this corrosion data, using Figure 1, a corrosion rate of steel in pH 3.0-4.0 was extrapolated. Table I shows the data for the worst amd best cases. The worst case data was obtained by extrapolating from pH 5.0 River to pH 3.0 Ash. The best case was obtained from River and Ash of pH 4.0.

Table 1: Approximate Corrosion Rates

***	Test Duration, yr	Rate (mpy) (ref. 1)	Extrapolated Best Case	Rates (mpy) Worst Case
	1	5.5-7.3	5.5-7.3	27.5-36.5
	2	4.1-6.1	4.1-6.1	20.5-30.5
	4	3.0-4.3	3.0-4.3	15.0-21.5
	8	2.2-4.3	2.2-4.3	11.0-21.5

Corrosion of a Steel Drum in a Fly Ash Pit March 9, 1989 5343-89-0089 Page 2 This data was plotted (see Pigure 2) and the maximum and minimum rates for a 15 year test duration were extrapolated from a smooth curve fit through the data. Table II shows the final results. Table II: Approximate Corrosion Rates, 15 year test Worst Case Best Case Miu. Corrosion Rate (mpy) 10.0 2.0 Max. Corrosion Rate (mpy) 20.5 4.0 Data available for corrosion of plain carbon steel in soil suggest a corrosion rate of at least 7.5 mpy (ref. 1). However, both this soil data and the above calculations are for generalized corrosion. Data are available which suggests that the maximum depth of pitting of steel in both soil and Monongahela River water reaches at least 60 mils in 6 years. The above calculations, while approximate, would indicate that the container's integrity, in all likelihood, has been compromised. At best, assuming a pH of 4.0 and a minimum corrosion rate, the container has less than 30 mils (0.030") of remaining wall thickness. Conversely, the worst case indicates that the container corroded through after less than two years in the ash pit environment. Staphen M. French S. M. French Extension 5034 Reviewed by: Extension 5116 JAJ/sdm References Metals Handbook, Volume 1, 8th edition, ASM. Metals Handbook, Volume 13, 9th edition, ASM International. Atlas of Electrochemical Equilibria in Aqueous Solutions, M. Pourbaix. F. S. Giacobbe - Manager, Matl's. Engr./Chemistry Support J. A. Janiszewski - Fossil Matl's./Welding Engr. Manager G. E. Von Nieda - Chemistry/Materials Director (320)

Corrosion of a Steel Drum in a Fly Ash Pit March 9, 1989 5343-89-0089 Page 2 This data was plotted (see Figure 2) and the maximum and minimum rates for a 15 year test duration were extrapolated from a smooth curve fit through the data. Table II shows the final results. Table II: Approximate Corrosion Rates, 15 year test Worst Case Best Case Min. Corrosion Rate (mpy) 10.0 2.0 20.5 4.0 Max. Corrosion Rate (mpy) Data available for corrosion of plain carbon steel in soil suggest a corrosion rate of at least 7.5 mpy (ref. 1). However, both this soil data and the above calculations are for generalized corrosion. Data are available which suggests that the maximum depth of pitting of steel in both soil and Monongahela River water reaches at least 60 mils in 6 years. The above calculations, while approximate, would indicate that the container's integrity, in all likelihood, has been compromised. At best, assuming a pH of 4.0 and a minimum corrosion rate, the container has less than 30 mils (0.030") of remaining wall thickness. Conversely, the worst case indicates that the container corroded through after less than two years in the ash pit environment. Staffen M. Franch S. M. French Extension 5034 Reviewed by: Extension 5116 JAJ/sdm References Metals Handbook, Volume 1, 8th edition, ASM. 2. Metals Handbook, Volume 13, 9th edition, ASM International. 3. Atlas of Electrochemical Equilibria in Aqueous Solutions, M. Pourbaix. F. S. Giacobbe - Manager, Matl's. Engr./Chemistry Support J. A. Janiszewski - Fossil Matl's./Welding Engr. Manager G. E. Von Nieda - Chemistry/Materials Director (320)

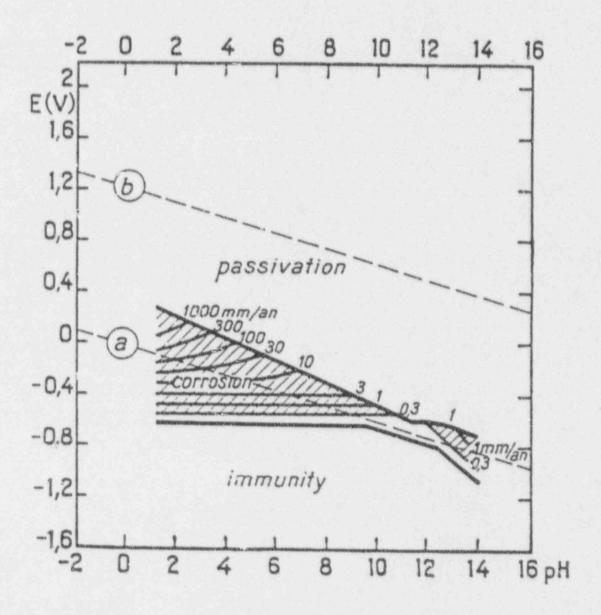


Figure 1

Effect of pH on corrosion rate in aqueous solution, room temperature. Since the specific details of the solution were not the same as those of fly ash, only relative corrosion rates were obtained from this graph (ref. 3).

Corrosion Rate Ash Pit

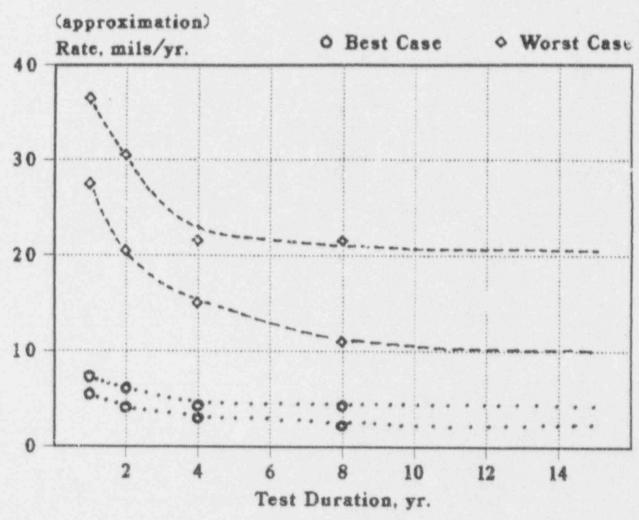


Figure 2

Approximate calculated corrosion rates of steel for best and worst cases. The two curves for each case represent the maximum and minimum corrosion rates.

Penelec / GPU Pennsylvania Electric Company 1001 Broad Street Johnstown Pennsylvania 15907 814 533-8111 Writer's Direct Dial Number (814) 533-8605 March 23, 1989 ATTACHMENT II Mr. Michael R. Steiner Regional Solid Waste Manager Bureau of Solid Waste Management Department of Environmental Resources One Ararat Blvd. Harrisburg, PA 17110 Dear Mike:

> GPU Nuclear Corporation discussed the situation at Saxton at the NRC Region I Office (King of Prussia, PA) with Messrs. Adams and Wedock of NRC. After the discussion, the NRC decided that it was not necessary to review the incident report associated with the Saxton situation at this time. They did request GPU Nuclear Corporation keep a copy of the report at the emergency off-site facility building in Harrisburg. Additionally, they stated they might review this report during a future NRC audit of Saxton.

> Based on this "final chapter," I believe the book on the Saxton situation is closed. I want to personally thank you for the assistance and understanding you provided during this situation.

If you have any questions, please give me a call.

Sincerely yours.

James L. Greco, Ph.D.

Manager, Environmental Affat

trl

1

bcc: E. R. Cathcart J. G. Herbein

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

TYPE OF INCIDENT	-	NAMES AND POST OFFICE ADDRESS.	-		3 DATE OCCU	JARED	4 VICT	IM	
Other									
SUSPECT	NAME (LAST.	FIRST, MIDDL	£)			ADDRESS			PHONE
200.30									
ACTION .	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	SYES	SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK L	OCATION	PO	SITION	EMP.	OYEE NO	SUPERVISOR
S NARRATIVE-LIST	ALL RESULTS OF A	ADDITIONAL IN	EVESTIGATION A	AMOTTONA	INFORMATION PRO	OM ABOVE BLOCKS			
			-						
0n 475 A1	May 24, lendale R	1989, (Curt Cow	gill, NF russia.	C, Section Pennsylva	n IA, Chie nia, telep	of React	or Project	ts,
215-33	7-5128, 0	contacte	ed this	writer.	Mr. Cowg	ill reques	sted a r	eview of	this
due to	another	meeting	g which	had to b	e attende	d; however	r, I inf	ormed Mr.	
time.	Mr. Cowg	ill inc	dicated	that he	would con	tact John writer he	Kline,	from GPUA	C, and
date.			100 1100		1011 01113	WITTER HE	HOUTO G	0 00 00	7440
TO AND DESCRIPTION OF THE PARTY OF		Name and the second							
59340			-				- Long and		
		managerialists on - 10							
							-		
				-					
			APPROXIMATION OF THE PROPERTY OF THE						
			The second second second	THE STREET STREET, STR			***		
7. UNFOUNDED C	CLEARED (SON PREPARING		16 700	A EMPLOYEE	NO.	WORK LOCATION	WORK PHONE
O NOT CLEARED 9 DATE/TIME PREPA	BEO		drew E.		puliferights, of splittedspellundesplife	July 9059		EMC-1	8974
	2:05 p.m.	10. FOL	LOW-UP ACTION		TYES 11/ A	EVIEWED BY INTER	MAL AFFAIRS		12 PAGE
5-25-89 1		W. C. C.	DEGREMMO		CXNO		141		1 of 1

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

ALL RACE SEX DOB AGE HEIGHT WEIGHT HAIR EYES SOCIAL SEC MINANT PRINCIPLE WORK LOCATION POSITION EMPLOYEE NO. BUT MANY 25, 1989, A. S. FUTMBANCHIK, Jr. contacted Mr. Auger at GPUNC and notified him of the contact by Mr. Cowgill on May 24, 1989. At the conclusion of the workday, on May 25, 1989, Mr. Kline contacted this writer and advised that he reviewed this investigation with Mr. Cowgill. No additional action was indicated by Mr. Cowgill.	
MANNE LAST PRIST MODULE AND AND REAL SEX DOB AGE HERGHT WEIGHT HAIR EYES SOCIAL SEC MINEMATOR FROM AND EXEMPLOYEE NO. BURNAME OF PERBLIC WORK LOCATION POSITION EMPLOYEE NO. SU EMPLOYEE BRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS. On May 25, 1989, A. S. Furmanchik, Jr. contacted Mr. Auger at GPUNC and notified him of the contact by Mr. Cowgill on May 24, 1989. At the conclusion of the workday, on May 25, 1989, Mr. Kline contacted this writer and advised that he reviewed this investigation with Mr. CJWgill. No additional action was indicated by Mr. Cowgill.	
MARY PRINCIPLE WORKLOCATION POSITION EMPLOYEE NO. SUMMATION FROM ABOVE BLOCKS. On May 25, 1989, A. S. Furmanchik, Jr. contacted Mr. Auger at GPUNC and notified him of the contact by Mr. Comgill on May 24, 1989. At the conclusion of the workday, on May 25, 1989, Mr. Kline contacted this writer and advised that he reviewed this investigation with Mr. Comgill. No additional action was indicated by Mr. Comgill.	DNE
MARY PRINCIPLE WORKLOCATION POSITION EMPLOYEE NO. SUMMATION FROM ABOVE BLOCKS. On May 25, 1989, A. S. Furmanchik, Jr. contacted Mr. Auger at GPUNC and notified him of the contact by Mr. Comgill on May 24, 1989. At the conclusion of the workday, on May 25, 1989, Mr. Kline contacted this writer and advised that he reviewed this investigation with Mr. Comgill. No additional action was indicated by Mr. Comgill.	
BRATIVE—LET ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE SLOCKS On May 25, 1989, A. S. Furmanchik, Jr. contacted Mr. Auger at GPUNC and notified him of the contact by Mr. Cowgill on May 24, 1989. At the conclusion of the workday, on May 25, 1989, Mr. Kline contacted this writer and advised that he reviewed this investigation with Mr. Cowgill. No additional action was indicated by Mr. Cowgill.	URITY NO
On May 25, 1989, A. S. Furmanchik, Jr. contacted Mr. Auger at GPUNC and notified him of the contact by Mr. Cowgill on May 24, 1989. At the conclusion of the workday, on May 25, 1989, Mr. Kline contacted this writer and advised that he reviewed this investigation with Mr. Cowgill. No additional action was indicated by Mr. Cowgill.	PERVISOR
On May 25, 1989, A. S. Furmanchik, Jr. contacted Mr. Auger at GPUNC and notified him of the contact by Mr. Cowgill on May 24, 1989. At the conclusion of the workday, on May 25, 1989, Mr. Kline contacted this writer and advised that he reviewed this investigation with Mr. Cowgill. No additional action was indicated by Mr. Cowgill.	CHAIDO
At the conclusion of the workday, on May 25, 1989, Mr. Kline contacted this writer and advised that he reviewed this investigation with Mr. Cowgill. No additional action was indicated by Mr. Cowgill. 5934U	
At the conclusion of the workday, on May 25, 1989, Mr. Kline contacted this writer and advised that he reviewed this investigation with Mr. Cowgill. No additional action was indicated by Mr. Cowgill. 5934U UNFOUNDED D CLEARED 8 PERSON PREPARING REPORT PRINT/TYPES SIGN. EMPLOYEE NO. WORK LOCATION WO	
this writer and advised that he reviewed this investigation with Mr. Cowgill. No additional action was indicated by Mr. Cowgill. 5934U UNFOUNDED © CLEARED & MERSON PREPARING REPORT (PRINT/TYPSA SIGN) EMPLOYEE NO WORK LOCATION WO	-
this writer and advised that he reviewed this investigation with Mr. Cowgill. No additional action was indicated by Mr. Cowgill. 5934U UNFOUNDED © CLEARED & MERSON PREPARING REPORT (PRINT/TYPSA SIGN) EMPLOYEE NO WORK LOCATION WO	
No additional action was indicated by Mr. Cowgill. 5934U UNFOUNDED © CLEARED 8 MERSON PREPARING REPORT (PRINT/TYPSA SIGN) EMPLOYEE NO WORK LOCATION WO	
UNFOUNDED CLEARED & PERSON PREPARING REPORT (PRINT/TYPSA SIGN) EMPLOYEE NO. WORK LOCATION WO	
UNFOUNDED © CLEARED 8. PERSON PREPARING REPORT (PRINT/TYPES SIGN) EMPLOYEE NO WORK LOCATION WO	
UNFOUNDED © CLEARED 8. PERSON PREPARING REPORT (PRINT/TYPES SIGN) EMPLOYEE NO WORK LOCATION WO	
UNFOUNDED © CLEARED 8. PERSON PREPARING REPORT (PRINT/TYPES SIGN) EMPLOYEE NO WORK LOCATION WO	-
UNFOUNDED © CLEARED 8. PERSON PREPARING REPORT (PRINT/TYPES SIGN) EMPLOYEE NO WORK LOCATION WO	
UNFOUNDED © CLEARED 8. PERSON PREPARING REPORT (PRINT/TYPES SIGN) EMPLOYEE NO WORK LOCATION WO	-
UNFOUNDED © CLEARED 8. PERSON PREPARING REPORT (PRINT/TYPES SIGN) EMPLOYEE NO WORK LOCATION WO	
UNFOUNDED © CLEARED 8. PERSON PREPARING REPORT (PRINT/TYPES SIGN) EMPLOYEE NO WORK LOCATION WO	*****
1 6 20-11	
1 6 20-11	-
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
1 6 20-11	
NOTCLEARED Andrew E. Mollura & M. Malagonso EMC-1 8	RK PHONE
The state of the s	974
	12 PAGE

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

Acres and

INCIDENT NUMBER

TYPE OF INCIDENT					3 DATE OCC	URRED	4 VICTI	И	THE STREET STATES IN THE STATES OF THE STATES
Other	T								
SUSPECT	MAME (LAST,	FIRST, MIDDLE)				ADDRESS			PHONE
LEGAL ACTION COMPANY	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
ACTION	IF PENELEC		WORK LO	CATION	PC	впон	EMPLO	ON BENO	SUPERVISOR
from J	June 1, I. P. Klin ning to t	e relati	ve to i	is conv	orandum, ersations	dated May with Mr.	30, 1989 Cowgill,	NRC,	ceived
5963U									
UNFOUNDED (D NOT CLEARED DATE/TIME PREPA 1-89 3:(ARED	And		Mollura	TYPE & SIGNI	EMPLOYEE		WORK LOCATION	WORK PHC 4E 8974 12 PAGE



Memorandum

Subject:

CONVERSATIONS WITH USNRC
RE: BURIED DRUMS AT WILLIAMSBURG

Date:

May 30, 1989

From:

J. P. Kline - Security Analyst III

Location: M

Morris Corp. Center

To

File UO 03-89

Curt Cowgill (USNRC) telephoned on 5/24 to get an update of the subject incident. I was attending a NEDS Security User Group meeting in Fairfax, Virginia at the time and was contacted by N. Hoffman to return Cowgill's call.

I called Cowgill at approximately 1445 and advised him that A. Mollura (Penelec Internal Affairs) conducted the investigation and that the allegation was unsubstantiated. I advised Cowgill that I would call him in the a.m. of 5/25 with more detail and he said fine.

I called Cowgill at 0740 on 5/25. Also present was his project engineer, Ken (not sure of last name). I advised the pair that the allegation was unsubstantiated. This was determined by interviews, records checks and surveys (radiological and soil) of the affected area. I also advised Cowgill that McGoey and Auger (GPUN Licensing) met on 2/27/89 with Adams and Weadock (USNRC) and orally offered a copy of the investigation results. They (McGoey and Auger) also (Adams and Weadock) stated that they did not want to see it -- just keep it on file.

Cowgill stated that he appreciated the update, but had two remaining questions.

- How many times was AA interviewed?
- 2. Was a Micro/R meter used when conducting surveys of the ash disposal area?

I made contact with Cowgill at 1428 hrs. on 5/25/89, and advised that AA was interviewed a total of three times and a Micro-R meter was used for the readings.

Cowgill stated that I answered all his questions for now, but reminded me that NRC may inspect the report at any time. I stated that I understood and if he (Cowgill) would have any questions in the future to call me.

J. P. Kline Ext. 7366

JPK:nh 0003N/17-18

cc: J. Knubel - Nuclear Security Director

A. Mollura - Manager, Internal Affairs, Penelec

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

Other Buspect NAME (LAST FIRST MIDDLE) ADDRESS DEFOIL RACE SEX DOB AGE HEIGHT WEIGHT COMPANY OFFICIAL ACTION SEMPLOYEE E NABRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOC On June 1, 1989, Mr. Knubel met with Mr. Cowgill investigation. Mr. Knubel then presented a copy of the Cowgill for further review. As of the date of this wr contacted anyone at GPUMC regarding the results of his Mr. Cowgill does make contact, a supplement report will On June 28, 1989, Mr. Stock and Merrill Wixon, Vi with John Dial, of the Pennsylvania Public Utility Com Department, in Harrisburg, Pennsylvania. Mr. Dial ind approximately two weeks ago Mr. AA appeared bef and gave a statement relative to alleged wrongdoings w in the past. Included in the statement were comments. The exact comments were not disclosed by Mr. Dial. Mr this investigation with Mr. Dial and presented the Exe Supplement Report prepared on Pebruary 7, 1989) for Mr initially indicated that he was satisfied with the res Should any additional information be received rel may have, a supplement report will be submitted. Supplement Seperatory of Pennsylvania be received rel may have, a supplement report will be submitted.						DATE OCCURRED	4 VICTIM		
ACTION COMPANY OFFICIAL ACTION REMPLOYEE NARRATIVE—UST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOC On June 1, 1989, Mr. Knubel met with Mr. Cowgill investigation. Mr. Knub: I then presented a copy of the Cowgill for further review. As of the date of this wr. contacted anyone at GPUNC regarding the results of his Mr. Cowgill does make contact, a supplement report will On June 28, 1989, Mr. Stock and Merrill Wixon, Vi with John Dial, of the Pennsylvania Public Utility Com Department, in Harrisburg, Pennsylvania. Mr. Dial ind approximately two weeks ago Mr. AA appeared bef and gave a statement relative to alleged wrongdoings w in the past. Included in the statement were comments. The exact comments were not disclosed by Mr. Dial. Mr this investigation with Mr. Dial and presented the Exe Supplement Report prepared on Pebruary 7, 1989) for Mr initially indicated that he was satisfied with the res Should any additional information be received rel may have, a supplement report will be submitted.			1						
ACTION COMPANY OFFICIAL ACTION ON June 1, 1989, Mr. Knubel met with Mr. Cowgill investigation. Mr. Knub: then presented a copy of th Cowgill for further review. As of the date of this wr contacted anyons at GPUNC regarding the results of his Mr. Cowgill does make contact, a supplement report wil On June 28, 1989, Mr. Stock and Merrill Wixon, Vi with John Dial, of the Pennsylvania. Mr. Dial ind approximately two weeks ago Mr. AA appeared bef and gave a statement relative to alleged wrongdoings w in the past. Included in the statement were comments. The exact comments were not disclosed by Mr. Dial. Mr this investigation with Mr. Dial and presented the Exe Supplement Report prepared on Pebruary 7, 1989) for Mr initially indicated that he was satisfied with the res Should any additional information be received rel may have, a supplement report will be submitted.	N	NAME (LAST FIRE	RST. MIDDLE)			ADDRESS			PHONE
OFFICIAL BENELOCK EMPLOYEE AARRATIVE—UST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE SLOCK On June 1, 1989, Mr. Knubel met with Mr. Cowgill investigation. Mr. Knubel then presented a copy of the Cowgill for further review. As of the date of this wr. contacted anyone at GPUNC regarding the results of his Mr. Cowgill does make contact, a supplement report will on June 28, 1989, Mr. Stock and Merrill Wixon, Viwith John Dial, of the Pennsylvania Public Utility Compepartment, in Harrisburg, Pennsylvania. Mr. Dial indicapproximately two weeks ago Mr. AA appeared before and gave a statement relative to alleged wrongdoings win the past. Included in the statement were comments. The exact comments were not disclosed by Mr. Dial. Mr. this investigation with Mr. Dial and presented the Exe Supplement Report prepared on Pebruary 7, 1989) for Mr. initially indicated that he was satisfied with the result of the supplement report will be submitted.		RACE	SEX	900	AGE H	EIGHT WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
On June 1, 1989, Mr. Knubel met with Mr. Cowgill investigation. Mr. Knubel then presented a copy of the Cowgill for further review. As of the date of this wr contacted anyone at GPUNC regarding the results of his Mr. Cowgill does make contact, a supplement report will On June 28, 1989, Mr. Stock and Merrill Wixon, Vi with John Dial, of the Pennsylvania Public Utility Com Department, in Harrisburg, Pennsylvania. Mr. Dial ind approximately two weeks ago Mr. AA appeared befand gave a statement relative to alleged wrongdoings win the past. Included in the statement were comments. The exact comments were not disclosed by Mr. Dial. Mr this investigation with Mr. Dial and presented the Exe Supplement Report prepared on Pebruary 7, 1989) for Mr initially indicated that he was satisfied with the result of the Statement was applement report will be submitted.	1F			WORK LOCAT	ION	POSITION	EMPLOY	EE NO	SUPERVISOR
	On Jovestiga owgill fontacted c. Cowgi On John spartmen oproxima in the partmen oproxima in the partme	June 1, 1 ation. Is for furth d anyone ill does June 28, n Dial, o nt, in Ha ately two a statem ast. Inc t comment estigatio nt Report y indicat	1989, M. Knu her rev at GPU make constant reconstruction weeks ment reconstruction with t prepared that addition	Mr. Stock Pennsylve ago Mr. lative to in the si not disc Mr. Dial red on Pe t he was	met with presente of the ding the a supplement and Meriania Publisylvania. AA o alleged tatement closed by and present and pr	h Mr. Cowgill d a copy of th ate of this wr results of his ent report wil rill Wixon, Vi ic Utility Com Mr. Dial ind appeared bef wrongdoings w were comments Mr. Dial. Mr sented the Exe , 1989) for Mr d with the res	and review is investigating, Mr. review. It be submit to Presider mission (Finite to Corporate t	cowgill At the tited. The GPU Audit Coth indi Cocurred Cocurr	has not me diting, met ing viduals that s law bureau at Penelec ivestigation. con reviewed ached to dr. Dial igation.
UNFOUNDED DICLEARED 8 PERSON PREPARING REPORT (PRINT THE SIGN) AND EMPLOY	6.AEM								
ANDT CLEARED AND AND E. MOLLUTA A. E. MOLLUT									

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

TYPE OF INCIDENT						4. VICTII			
Other									
SUSPECT	NAME (LAST, FI	RST. MIDDLE)		and a ferrence of the second	ADDRESS	-			PHONE
ACTION	RACE	SEX DOR	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL	SECURITY NO
COMPANY	IF PENGLEC	WOR	K LOCATION	PK	SITION	EMPL	OYEE NO		SUPERVISOR
OFFICIAL ACTION	EMPLOYEE		- Andrews						
NARRATIVE LIST		8, 1989, M				twised t	hat the c	opy of	
thi		tion, which							
		. Knubel. 1							
		in its ent							
		the NRC is							
		fficially co							
	Mesers C	lass, Wise,	Purmanchi	k Greco	Cathcart	Stock	and Herb	nein we	re
not		his writer,						discussion	All of the contract of the con
1100		man was y	on the the	and and					
	Mr. Knube	l was advise	ed, by thi	s writer	that Mr.	AA	contact	ted the	
PUC		o this inve							
	investigat								
							-		
100	N PW								
102	.AEM						or real features and the second		
102	AEM	M. V. M				V-10, 10, 10, 10, 10, 10, 10, 10, 10, 10,			
102	.AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
102	AEM								
UNFOUNDED.		& PERSON PREPAR	RING REPORT (PRIM	NT/TYPE & SIGN	A EMPLOYEE	NO	WORK LOCATION	V	ORK PHONE
	O CLEASED		RING REPORT (PRINE	10 M	Bus 9059	NO	WORK LOCATION EMC-1		
UNFOUNDED	O CLEASED		E. Mollura	A.E. M.	Q1				ORK PHONE

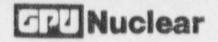
PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

INCIDENT NUMBER

89-WM-2

SUPPLEMENT INCIDENT REPORT

Other Suspect NAMERAST FRET MODES SUSPECT NAMERAST FRET MODES LEGAL ACTION LEGAL A	CIDENT		THE RESERVE OF THE PERSON NAMED IN	THE PERSON NAMED IN COLUMN 2 IN TAXABLE PARTY.				
S SUSPECT NAME HAST FREST MODE ACTION ACTION AACE SEX DOE AGE HEGHT WEIGHT HAST EYES SOCIA ACTION EMPLOYEE S MARRATVE-USE ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INVESTIGATION AND AND SUSPENSIVE AND ACTION EMPLOYEE MARRATVE-USE ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INVESTIGATION AND REMAINDER SUCCES ON June 22, 1990, Mr. Herbein contacted this writer and advised that he had greeive information, from an unnummed source, that radioactive waste material was burn alony the river near the Williamsburg Generating Station around 1976. Mr. Herbein stated that Mr. Heo understood that Mr. DD had knowledge of the material which was burned at the site. Mr. Heo went on to tell Mr. Herbein that he understood that Mr. Conrad and Mr. Herbein both had knowledge of the burnel and that Mr. Conrad covered up the incident. This writer spoke with Mr. Meo on June 22, 1990, via telephone, at which time he confirmed his conversation with Mr. Herbein and the information that gave Mr. Herbein, as listed in the previous paragraph. Mr. Meo indicated the he did not wish to disclose his source of information; however, will attempt obtain more information, which he will pass along to this writer. Mr. Meo advised by this writer that this investigation was conducted as a result of previous allegation at the Williamsburg Station. Mr. Heo was assured that tinvestigation revealed no evidence of any radioactive material being buried the Williamsburg location. Regarding Mr. Meo's statement relative to Mr. Herbein having knowledge this incident, Mr. Herbein was an employee of Met-Ed during 1976. Mr. Herbein indicated that he had no knowledge of this incident until it was reported in January of 1989. Mr. Knubel was contacted on June 22, 1990, and advised of this information. Mr. Knubel notified his superiors at GPUN. as well as Ms. Good—at the Saxton site. Mr. Knubel statement on to state that Ms. Good will be contacting the NRC to advise them of this lateat information are received, a supplement report will				3 DATE OCC	URRED	4 VICTI	м	MATERIAL STREET, STREE
DIGAL ACTION RACE SEX DUE ADE HEIGHT WEIGHT HAW EYES SOCIAL ACTION PRIMELY WORK LOCATION POSITION EMPLOYEE NO EM								
COMMANY OFFICIAL FORMATOR FORMATOR INTELLATION INTELL	NAME (LAST, FE	RST, MIDDLE)			ADDRESS			PHONE
OFFICIAL PURPLES MARKATIVE—UST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE SLOCKS On June 22, 1990, Mr. Herbein contacted this writer and advised that he had just spoken with Charles P. Neo, President - International Brotherhood of Electrical Workers Union, Local #459, Mr. Meo indigated that he had receive information, from an unnamed source, that radioactive waste material was bursalong the river near the Milliamsburg Generating Station around 1976. Mr. Herbein stated that Mr. Meo understood that Mr. DD had knowledge of the material which was buried at the site. Mr. Meo went on to tell Mr. Herbein that he understood that Mr. Conrad and Mr. Herbein both had knowledge of the burial and that Mr. Conrad covered up the incident. This writer spoke with Mr. Meo on June 22, 1990, via telephone, at which is time he confirmed his conversation with Mr. Herbein and the information that gave Mr. Herbein, as listed in the previous paragraph. Mr. Meo indigated the he did not wish to disclose his source of information; however, will attempt obtain more information, which he will pass along to this writer. Mr. Meo advised by this writer that this investigation was conducted as a result of previous allegation at the Williamsburg Station. Mr. Meo was assured that tinvestigation revealed no evidence of any radioactive material being buried the Williamsburg location. Regarding Mr. Heo's statement relative to Mr. Herbein having knowledge this incident, Mr. Herbein was an employee of Met-Ed during 1976. Mr. Herbein indicated that he had no knowledge of this incident until it was reported in January of 1989. Mr. Knubel was contacted on June 22, 1990, and advised of this information. Mr. Knubel notified his superiors at GPUN, as well as Ms. Good—at the Saxton site. Mr. Knubel stated that Ms. Good will be making arrangements to have additional testing conductar along the river bank near Williamsburg Station. Mr. Knubel went on to state that Ms. Good will be contacting the NRC to advise them of thi	RACE	SEX DUB	AGE	неіднт	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
EMPLOYEE 6 MARRATIVE—UST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INVESTIGATIONAL INVESTIGATION AND ADDITIONAL INVESTIGATION AND ADDITIONAL INVESTIGATION AND ADDITIONAL INVESTIGATION AND ADDITIONAL INVEST	IS BENELEC	WO	AK LOCATION	80	EITUN	Chap /	OVER NO	CURPN VERN
On June 22, 1990, Mr. Herbein contacted this writer and advised that he had just spoken with Charles P. Meo, President - International Brotherhood of Electrical Workers Hinton, Local #459. Mr. Meo indigated that he had receive information, from an unnamed source, that radioactive waste material was bursalony the river near the Milliamsburg Generating Station around 1976. Mr. Herbein stated that Mr. Meo understood that Mr. DD had knowledge of the material which was bursed at the site. Mr. Meo went on to tell Mr. Herbein that he understood that Mr. Conrad and Mr. Herbein both had knowledge of the hurial and that Mr. Conrad covered up the incident. This writer spake with Mr. Meo on June 22, 1990, via telephone, at which time he confirmed his conversation with Mr. Herbein and the information that gave Mr. Herbein, as listed in the previous paragraph. Mr. Meo indigated the he did not wish to disclose his source of information; however, will attempt obtain more information, which he will pass along to this writer. Mr. Meo advised by this writer that this investigation was conducted as a result of previous allegation at the Williamsburg Station. Mr. Meo was assured that tinvestigation revealed no evidence of any radioactive material being buried the Williamsburg location. Regarding Mr. Herb's statement relative to Mr. Herbein having knowledge this incident, Mr. Herbein was an employee of Met-Ed during 1976. Mr. Herbeindicated that he had no knowledge of this incident, Mr. Herbein was an employee of Met-Ed during 1976. Mr. Herbeindicated that he had no knowledge of this incident until it was reported in January of 1989. Mr. Knubel was contacted on June 22, 1990, and advised of this information. Mr. Knubel notified his superiors at GPUN, as well as Ms. Good—at the Saxton site. Mr. Knubel stated that Ms. Good will be making arrangements to have additional testing conducted along the river bank near Williamsburg Station. Mr. Knubel went on to state that Ms. Good will be contacting the NRC to advise them of this latest		***************************************	the state of the s	-	arrigh	EMPL	JIEE MU	SUPERVISOR
Regarding Mr. Meo's statement relative to Mr. Herbein having knowledge this incident, Mr. Herbein was an employee of Met-Ed during 1976. Mr. Herbein dicated that he had no knowledge of this incident until it was reported in January of 1989. Mr. Knubel was contacted on June 22, 1990, and advised of this information. Mr. Knubel notified his superiors at GPUN, as well as Ms. Good—at the Saxton site. Mr. Knubel stated that Ms. Good will be making arrangements to have additional testing conducted along the river bank near Williamsburg Station. Mr. Knubel went on to state that Ms. Good will be contacting the NRC to advise them of this latest information. When the test results and additional information are received, a supplement report will be submitted.	On June 2 had just spoke Electrical Wor information, f along the rive Herbein stated material which that he unders burial and tha This writ- time he confirm gave Mr. Herbe he did not wis advised by this previous allege	22, 1990, Mr en with Char kers Union. From an unnau ir near the I that Mr. Me tood that Mi ther Conrac er spoke wil med his conv in, as lists h to disclos formation, y s writer the ation at the	Herbein les P. Me Local #4 med source williams be unders at the str. Conradd covered th Mr. Me versation ed in the se his so which he at this in a William	contacted to Preside to Preside to that rad to that ite. Mr. and Mr. Houp the in the with Mr. previous wree of in will pass nvestigatisburg Stat	this writent - Interded indicative wating Stati Mr. DD Meo went of the state of the	rnational Led that vaste may on arous had on to tel ch had ke via tele d the ir Nr. Me however his writ ducted a Meo was	l Brother he had r terial wa nd 1976. knowledge ll Mr. He nowledge aphone, a nformatic co indica r, will a ter. Mr. as a resu assured	rhood of received as buried Mr. ge of the erbein of the at which on that he ated that attempt to Meo was alt of a that the
information. Mr. Knubel notified his superiors at GPUN, as well as Ms. Goodat the Saxton site. Kr. Knubel stated that Ms. Good will be making arrangements to have additional testing conducted along the river bank near Williamsburg Station. Mr. Knubel went on to state that Ms. Good will be contacting the NRC to advise them of this latest information. When the test results and additional information are received, a supplement report will be submitted.	this incident, indicated that	Mr. Herbeir he had no k	n was an	employee o	f Met-Ed d	uring 19	76. Mr.	Herbein
information. Mr. Knubel notified his superiors at GPUN, as well as Ms. Goodat the Saxton site. Kr. Knubel stated that Ms. Good will be making arrangements to have additional testing conducted along the river bank near Williamsburg Station. Mr. Knubel went on to state that Ms. Good will be contacting the NRC to advise them of this latest information. When the test results and additional information are received, a supplement report will be submitted.	Mr. Knube	l was contac	cted on J	une 22, 19	90, and ad	vised of	this	
Goodat the Saxton site. Mr. Knubel stated that Ms. Good will be making arrangements to have additional testing conducted along the river bank near Williamsburg Station. Mr. Knubel went on to state that Ms. Good will be contacting the MRC to advise them of this latest information. When the test results and additional information are received, a supplement report will be submitted.	pformation. 1	Mr. Knubel r	notified	his superi	ors at GPU	N. as we	ll as Ms	
When the test results and additional information are received, a supplement report will be submitted.	Goodat the Sa arrangements to Williamsburg St	axton site. o have addit tation. Mr.	Mr. Knul tional ter Knubel	bel stated sting cond went on to	that Ms. ucted alon state tha	Good will g the ri t Ms. Go	l be mak	ing near the
	When the	test results	a ladd	itional in			ived, a	
544.AEN	upprement repo	ort will be	submitted	a.		CONTRACTOR OF THE PARTY OF THE		
	44.AEM							
71 14 771 177		THE RESIDENCE OF THE PARTY OF T				A 181	ORY LOCATION	Variable Assessment
				21 44 111	ON EMPLOYEE N	0 44	OHN COMMITTEE	WORK PHONE
DATE TIME PREPARED 10 FOLLOW-UP ACTION EYES 11 REVIEWED BY INTERNAL AFFAIRS) 5-22-90 2:40 PM RECOMMENDED 0 NO	RED	Andrew E.	Mollura	A.C. 116	Une 059			8974



Memorandum

CONFIDENTIAL

Subject

ALLEGATION

Date

June 22, 1990 A400-90-257

From

J. Knubel - Nuclear Security Director

Location:

Morris Corp. Center

To:

J. Hildebrand - Diractor, Rad. & Env. Controls

On Friday, June 22, Mr. A. Mollura, Internal Affairs Manager, called to inform me of a discussion between Mr. Charlie Meo, Union President, and J. Herbein, Vice President, Stations Operations. In this discussion, Mr. Meo stated that he was told by another individual that radioactive material had been buried at the Williamsburg Station "down by the river sometime in 1976." Later the same day, Mr. Mollura talked directly to Mr. Meo and obtained the following information: The alleged material was supposed to have come from Saxton.

Mr. Mollura and I discussed the situation and strongly believe that is is a restatement of an allegation made by Mr. AA in late 198° and investigated at that time. However, given the fact that the alleged burial area given by Mr. Meo was different than that provided by Mr. AA a follow-up walkdown of the river front area of the Williamsburg site would be prudent.

I request that you ask Ms. B. Good to arrange for a walkdown and also have her notify the appropriate NRC official.

I have reviewed Mr. Mollara's February 1989 Investigative Report and conclude that its conclusion of "no evidence to support that anything from SNEC was buried in the old ash site, or any other location on the Williamsburg property" is still valid.

A walkdown of the river front will help confirm this conclusion.

If Ms. Good needs any support from Penelec, she can call A. Mollura at 8974.

TIM KNUBEL Nuclear Security Director

Ext. 7648

JK:nh 6jk/11

cc: R. W. Heward, Jr. - Director, Site Services
A. Mollura - Internal Affairs Manager, Penelec

N 0648 (06-86)

PHASISTENTIAL

(332

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

2 TYPE OF INCIDENT					3. DATE OCC	URRED	4 VIC	TIM	
Other									
5 SUSPECT	NAME (LAST, FIR	ST. MIDDLE)				ADDRESS			PHONE
D LEGAL ACTION D COMPANY		SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK L	OCATION	PC	SITION	EMI	PLOYEE NO	SUPERVISOR
6 MARRATIVE-LIST	ALL RESULTS OF ADD	TIONAL INVEST	TIGATION A	ND ADDITIONAL	INFORMATION FR	OM ABOVE BLOCKS			
Paul	On June 21					ruiry-Only			
info	rmation per	rtaining	to t	he alleg	ation the	t debris f	rom th	e Saxton 1	Muclear
	ior was bu	cled ald	ing th	e river,	adjacen	to the Wi	LLLams	burg Gener	ation
						-			
554.	KZA								
								The second second second second	
7.7.7.2.2.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.							-		
						Control of the Contro			
				The State of the S				***************************************	
							-		
							-		
				-			1		
7 C UNFOUNDED C	CLEARED	8 PERSON P	REPARING	REPORT (PRINT	TYPE NEIDER -	# EMPLOYEE N	10	WORK LOCATION	WORK PLONE
M NOT CLEARED				Mollura	45 M	1/109059			WORK PHONE
B DATE/TIME PREPARE	ED 03	10 FOLLOW-L		CONTRACTOR OF THE PARTY OF THE	SYES 11/ RI	VIEWED BY HINTERNA	AL AFFAIRS	EMC-1	8974 12 PAGE
6-29-90 3:	:00 PM	RECOMME	NOED		DNO /	The second second	00		1 of 1
************************	-		-				1	-	

INTER-OFFICE MEMORANDUM

DATE June 28, 1990



LOCATION Johnstown

FROM

Paul Abram

Media Relations Manager

PHONE

TITLE

8296

SUBJECT Upon-Inquiry-Only Statement re Allegations of Burial of Debris From Saxton Nuclear Station at Williamsburg Station

TO

A.E. Mollura

Attached for your information in case of questions from the media is an upon-inquiry-only statement regarding allegations that debris from the old Saxton Nuclear Station is buried along the river at Williamsburg Generating Station.

The statement has been approved by J.G. Herbein and will be used by media relations.

ayl abram

cc: C.A. Burkett (with attachment) 355 h attachment) CC rith attachment) J.G. Herbein (with attachment) , with attachment) RR with attachment) R.L. Wise (with attachment)

Penelec . . . people with energy for you

June 28, 1990

Upon-inquiry-only statement re allegations of burial of debris from old Saxton Nuclear Station along the river at Williams burg Generating Station

Officials of Penelec and GPU Nuclear Corporation (GPUNC) are investigating the possibility that some debris from mid-1970s dismantling activities at the old Saxton Nuclear Station in Bedford County was buried at the Williamsburg Generating Station in Blair County.

The investigation is centering on a report that the debris was buried along the river at the Williamsburg station.

Beyond this information, officials of Penelec and GPUNC do not want to comment because the investigation is continuing.

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

2 TYPE OF INCIDEN	(1				3 DATE OC	CURRED	4 VIC	TIM	THE PART OF THE PA
Other									
5 SUSPECT	MAME (LAS	T. FIRST. MIDDLE)				ADDRESS			PHONE
D LEGAL ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	MAIR	EYES	SOCIAL SECURITY NO
OFFICIAL	IF PENELEC		WORK LOC	ATION	P(OSITION	EMI	PLOYEE NO	PLINES UP OR
ACTION	EMPLOYEE					e de l'indice	E.M.	PLOTEE NO	SUPERVISOR
6 NARRATIVE-LIS	T ALL RESULTS OF	ADDITIONAL INVO	STIGATION AND	ADDITIONAL IN	FORMATION FE	OM ABOVE BLOCKS		-	
lat Wil abr	est infor liamsburg east of a A meeti which time ort will	ified Framation re . Ms. Go ll inform ng was es e a walk be submit	ncis You lative to nod advis ation re tablishedown of ted rela	to items and that clative to the rive ative to	Senior being l she to to this william the fir	Resident I Duried alon ld Mr. Youn latest all amsburg Sta will be con ndings.	inspect ing the ing that egation ition f	or at TMI, riverbank he will b n. or July 12 . A suppl	of the at e kept , 1990, ement
			***************************************	-					

				-					
UNFOUNDED	CLEARED	8 PERSON	POS DABINO EST	PORT (PRINT/TY	1				
& NOT CLEARED					THE SIGHT	Y OF EMPLOYEE NO	0	WORK LOCATION	WORK PHONE
DATE TIME PREPA	RED	10 FOLLOW	WE. MO	Ilura /	C. 1/4	-UM 059		EMC-1	8974
		RECOMM		W Y	11 /RE	VIEWED BY INTERNA	L AFFAIRS)		12 PAGE
0-90 10	0:55 AM	ACCOMM.	EMPED	O A	10 /	14			1 of 1
					-	- The state of	OTHER DESIGNATION OF THE PERSON OF		

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

TYPE OF INCIDENT				2 DATE OCCURRI	ED	4 VICTIM		
Other	NAME (LAST, FIR	ST MIDDLE			ADDRESS		-	Marine Marine
SUSPECT	MANUE (CAST, FIR	ST. MIDDLET			ADDRESS			PHONE
ACTION COMPANY	RACE	SEX DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
OFFICIAL ACTION	IF PENELEC EMPLOYEE	WORK LO		POSITI		EMPLOY	YEE NO	SUPERVISOR
MARRATIVE-LIST	ALL RESULTS OF ADO	DITIONAL INVESTIGATION A	ND ADDITIONAL INF	FORMATION FROM	ABOVE BLOCKS			
	On July 1	2, 1990, the	following	investiga	ition was	s conduct	ed.	
Envi		Ronald Rolph Scientist Sen						
		tation. A ra						
		own branch of						
		down of the						
to t	the end of	the lower ash	pond, us	ing sensit	tive por	table rad	liation d	etectors,
did	not reveal	any unaccept	able back	ground rad	diation	levels, a	ecording	to Ms.
		led report wi	ll be sub	mitted by	Ms. Goo	d relativ	re to the	results
of t	the survey.							
		sample was the river. The Good.						
	Ms. Good	directed that	water sa	mples wil	l be tak	en from a	ll water	
mon		es on the Wil						
the	re are wate	er monitoring	wells alo	ng the wei	st bank	of the ri	lver. Ms	. Good
	ised Mr.	BB that she	Will be	sending w	ater bot	tles for	the samp	les to
		irg Station.						
	lysis.	. Managaran Rasa	ACM MICHAELI	MANUAL ARTICLE	MARKELY	returned	co ns. o	101 100
the		was advised ry-Only State		ove infor	mation a	nd will h	be supple	menting
		of the info						
sur	vey.	of the inform	ration was	made Wit.	n Mr.	CC	llowing t	ne
						The second second second second		
	. AEM		-					

C UNFOUNDED C CLEARED 8 PERSON PREPARING REPORT (PRINT TYPE A PICONA EMPLOYEE NO WORK LOCATION WORK PHONE 20 NOT CLEARED Andrew E. Mollura EMC-1 8974 9 DATE TIME PREPARED 10 FOLLOW-UP ACTION 12 PAGE 7-13-90 12:05 PM RECOMMENDED DNO of L

MS-85 1286

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

89-WM-2

2 TYPE OF INCIDENT		3 DATT OCCURRED	4 VICTIM	THE THEORY AND ADDRESS OF THE PARTY OF THE P
Other				
5 PHISPECT	NAME (LAST FIRST, MIDDLE)	ADDRES ₆		PHONE
ACTION	RACE SEX DOB AGE	HEIGHT WEIGHT	HAIR CYES	SOCIAL SECURITY NO
DEFICIAL ACTION	IF PENELEC WORK LOCATION EMPLOYEE	POSITION	EMPLOYEE NO	SUPERVISOR
6 NARRATIVE-LIST	On July 13, 1990, the atteched	and the second section of the second second second	Statement was is	sued by
	Ahram. The statement reports t tion on July 12, 1990.			
	Mr. Herbein was apprised of th	e July 12, 1990, act	civity on July 1	3, 1990.
-			-	
White makes a clarker.				
562	. AEX			
			-	
4	THE STATE OF BUILDING STATE OF THE STATE OF			
-				
D UNFOUNDED	A CONTRACTOR OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF TH	1 6	O WORK LOCATION	WORK PHONE
9 DATE/TIME PREP	ARED 10 FOLLOW UP ACTION	EVES TY REVIEWED BY INTERNA		8974 12 PAGE
7-13-90 1	:00 PM RECOMMENDED	O NO	8)	OF

MS-65 1286

INTER-OFFICE MEMORANDUM

DATE July 13, 1990

Penelec GPU

FROM

Paul Abram

TITLE Media Relations Manager

PHONE 8296

LOCATION Johnstown

SUBJECT Upon-Inquiry-Only Statement re Investigation of Saxton Station Debris

TO

CC

Attached for your information in case of questions from the media is an upon-inquiry-only statement regarding the investigation of allegations that debris from Saxton Nuclear Station dismantling was buried at Williamsburg Station.

The statement, approved by A.E. Mollura, also will be used by the Media Relations staff in Johnstown.

Paul Obram

cc: C.A. Burkett (with attachment)

H.M. Class (with attachment)

55S th attachment)

J.G. Herbein (with attachment)

A.E. Mollura (with attachment)

(with attachment)

July 13, 1990

Updated upon-inquiry-only statement re allegations of burial of debris from old Saxton Nuclear Station along the river at Williamsburg Generating Station

Nothing abnormal has been noticed during environmental testing along the Frankstown Branch of the Juniata River by officials of Penelec and GPU Nuclear Corporation (GPUNC).

The officials are investigating the possibility that some debris from mid-1970s dismantling activities at the old Saxton Nuclear Generating Station in Bedford County was buried at the Williamsburg Generating Station in Blair County.

The investigation is centering on a report that the debris was buried along the river at the Williamsburg station.

Some water sampling will be done as the investigation continues.

Beyond this information, officials of Penelec and GPUNC do not want to comment because the investigation is continuing.

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

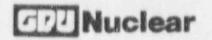
INCIDENT NUMBER

Z. TYPE OF INCIDEN			3. DATE OC	CURRED	& VICTIM	The state of the s
Other	1 2227 / 227 / 227	7 1465 C				
S SUSPECT	NAMÉ (LAST, FIRS	T. MIDDLE)		ADDRESS		FHINE
D LEGAL ACTION D COMPANY	RACE 5	SEX DOB	KGE HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO
OFFICIAL ACTION	IF PENELEC EMPLOYEE	WORK LOCATH	ON	POSITION	EMPLOYEE NO	SUPERVISOR
AARRATIVE LIST	T ALL RESULTS OF ADDIT	TIONAL INVESTIGATION AND AC	DITIONAL INFORMATION I	HOM ABOVE BLOCKS		-
Secon rec	Kenneth Pa ruity, was a August 28, 1 ceived, Mr. P	stor, who has redvised of this 990. When the astor will be f	m the William stent with na eplaced Mr. I investigation documentation orwarded all s. Good relat	inuhel as the and the relative to the	s writer. Ms. Gon were tested. round radioactiv e GPUNC Director sults of the witto the water test . Mr. Pastor ad notification of	The ity and of er tests ing is vised
601	. AEM					
			-			
-					-	
				_		
THE RESERVE OF THE PARTY OF THE						
					The state of the section of the sect	
D UNFOUNDED	D CLEARED	8 PERSON PREPARING REPO	RT (PRINT TYPE A SIGN)	M & FEMPLOYEE	NO WORK LOCATION	WORK PHONE
NOT CLEARED		Andrew E. Mol	Lura HE	demoss	EMC-1	8974
DATE/TIME PREF		10 FOLLOW-UP ACTION	TO TES PT	REVIEWED BY INTERN	IAL AFFAIRS	12 PAGE
8-28-90	3100 PM	ECOMMENDED	O NO /		AT/	1 0 -

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

2 TYPE OF INCIDENT Other 6 SUSPECT			THE PROPERTY OF PERSONS ASSESSED.			BED.	Chiamine printer and property of	CONTRACTOR STATE	
The second second second second second					3 DATE OCCUR	17/8/8/C	4. VICTIM		
5 SUSPECT									
	NAME (LAST.	FIRST, MIDDLE				ADDRESS			PHONE
D LEGAL ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	ÉYES	SOCIAL SECURITY NO
C COMPANY									
OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK LO		nzoe		EMPLOY	EE NO.	SUPERVISOR
6 NARRATIVE-LIST ALL	-					-			
					ached memo				
					ental samp				14 N. M. P. A.
Willia	msburg	on July	12, 199	0, were	consisten				
radiat	ion and	radioa	ctivity.						
C	n Septe	mber 27	. 1990.	Kenneth	Fix, Mana	ger - GP	U Auditine	Depart	ment was
advise	d of th	e statu	s of thi	s inves	tigation.	,		- Deput is	mente, was
	a bila								
0	n Septe	mber 28	1990	Mr. Goo	d advised	that she	will not	fy	
indica	ted the	es or tr	ne NAC o	I the s	tatus of th	his inve	stigation.	Ma. G	ood
comple	ted. M	r. Ahras	n sent si	so not	fied and se	when V	ne notific	Cardia 1	
refere	nce. sh	ould he	develop	an upo	n-inquiry	sinc a cop	relative	Good 8 1	nemo for
of thi	s inves	tigation	n. Mr.	Herbein	was also	otified	this date	ro the	BLALUB
							CHAR CHICA		
								-	
				-				-	
				TS. An error services					
				The state of the s					
D UNFOUNDED D CLE	ARED	8 PERSON	PREPARING RE	PORT (PRINT	TOFEA SIGNI	EMB OVER	NO.	K1004704	
D UNFOUNDED D CLEANED	ARED	2.0	I PREPARING REEW E. MO		The sem so	EMPLOYEE M 9059		IK LOCATION	WORK PHONE
		2.0	ew E. Mo	llura	E Molly	EMPLOVEE POSS	E	IK LOCATION AC-1	WORK PHONE 8974



Memorandum

Subject:

SURVEY OF THE PENELEC

WILLIAMSBURG COAL PLANT

Date:

September 20, 1990

From:

Beverly A. Good

Location:

EC - Commerce Park

SNEC-90-0058

To:

A. E. Mollura

Internal Affairs Manager, Panelec

The following information is enclosed:

 Analysis results of monitoring well water samples taken from the Williamsburg site.

Maps of the monitoring well locations.

3. Radiological survey results of the Williamsburg site.

 Analysis result of a sediment sample taken from a discharge pipe.

All direct radiation measurements and environmental sample results were consistent with natural background radiation and radioactivity.

Radiological surveys along the river bank of the Williamsburg site were conducted using sensitive portable radiation detectors capable of measuring environmental levels of gamma radiation. The limitation of this survey methodology is that any radiation being emitted from below 2 feet in the soil would not be detectable. Approximately fifty radiation measurements were recorded of the Williamsburg site. Readings ranged between 8 to 21 uR/hr and are consistent with natural background radiation. Natural background radiation readings are variable and are dependent upon such things as different types of soil, presence of coal clinkers. etc.

A sediment sample was collected from a drainage pipe of the Old Ash Disposal Site that discharges into the river. The sediment sample contained actinium-228 (Ac-228), beryllium-7 (Be-7), radium-226 (Ra-226), cesium-137 (Cs-137), and potassium-40 (K-40). All of these radionuclides are found in the environment and were detected at normal environmental levels. The Cs-137 is present in the environment as a result of prior nuclear weapon tests.

All of the monitoring well water samples contained less than the lower limit of detection (LLD) of the counting equipment. In other words, the radioactivity was either too small to measure or was not present.

If I can provide further explanation and clarification of analysis and survey results, please give me a call at (717-540-4504).

Beverly A. Good

SNEc General Manager

/cb

cc: D. Goodman

J. Hildebrand

K. Pastor

R. Rolph

File: 2412.26

RADIOLOGICAL SURVEY INSTRUMENT DATA AIR SAMPLE N/T | File Code Number: SURVEY INFORMATION CONTAMINATION SURVEY NIT RADIATION SURVEY 600-90-0062 Location Williamshory Date Smearable Contamination Generating Station Inst Ladlem 19 Inst Ladlan 19 Inst Inst Activity Location By Comments S/N 15/N Reason Investigation (Cal. Due Cal. Due IB.C.F. N/A B.C.F. N/A
ITech R.G. Roigh College
Notes: Radiation in MR/Hr Eff 0 - Contact Reading Date 1-12 90 Time 1500 |Eff Bkg | | - Smear Location Tech. R. 6 Kulph Thank Bkg Mdc Contamination results unless otherwise noted. to DPM/100 CH2 Reviewed By Efferty Tech Dose rates are general unless otherwise area unless otherwise noted. noted · River 9.5 8 148 10 Richard Michel Old Railroad Bed Instrument de Pekale Gale Remarks Note: All tendings in 0413/178

(345)

RA. JLOGICAL SURVEY SURVEY INFORMATION INSTRUMENT DATA AIR SAMPLE N/F | File Code Number: CONTAMINATION SURVEY MAT Location Williams burg RADIATION SURVEY 600-90-0063 Generaling Station Date Time Smearable Contamination Inst lost publica 19 lost budden 19 |Activity Inst |Location | Bx Reason Investigation 15/N 5/N Comments ICal. Due Cal. Due Date 7-12 to Time 1500 |Eff Eff 0 . Contact Reading Tech. RG Rolph World 8kg Okg | | = Smear Location Mdc Mdc Contamination results Reviewed By CEFLICY Tech unless otherwise noted. to DPM/100 CH2 Dose rates are general unless otherwise area unless otherwise noted. noted River de 10 Dr. 9.12 * 5 64.4 Gale ... Fourte 46 Kt 346 Plant Remarks: Note: All roadings in 0413/178

346



Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17113 Writer's Direct Dial Number: 717-540-4514

EVERLY A. GOOD Saxton General Manager C/o TMI Environmental Controls Harrisburg, PA 17110

	REPORT OF A		
	Analysis Type: Gamma spectrometry of Dried GPU ID STATION ID COLLECTION	RESULTS IN pci/gm(dry) +/- 2	1 00 1
,	Sediment Sample from the drainage pipe of the Old Ash Disposal Site that discharges to the Juniata River.	AC-228 AG-110M BE-7 CO-58 CO-60 CC-134 CS-137 CS-137 Less Than 0.04 CS-137 Less Than 0.06 CS-137 Less Than 0.04 CS-137 Less Than 0.04 CS-137 Less Than 0.04 CS-137 Less Than 0.04 CS-131 Less Than 0.04 CS-131 Less Than 0.04 CS-131 Less Than 0.05 CS-131 Less Than 0.05 CS-131 Less Than 0.05 CS-131 Less Than 0.18 CS-131 Less Than 0.19 CS-135 Less Than 0.19 CS-136 CS-137 Less Than 0.19 CS-136 CS-137 Less Than 0.19 CS-136 CS-137 CS-	

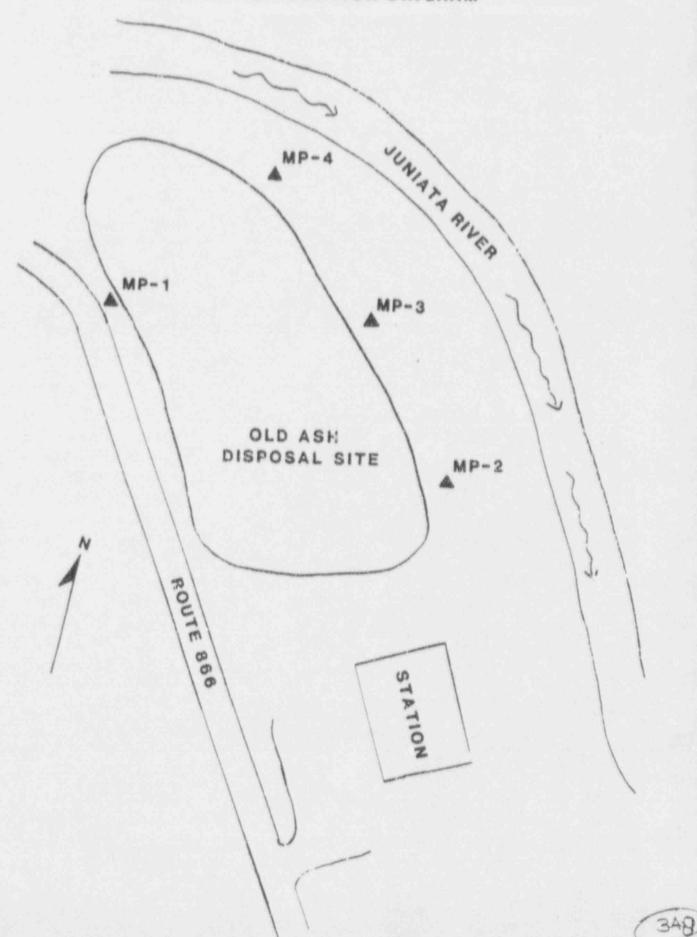
Approved: Raymond J. Danahy Date: 7/19/9

Environmental Radioactivity Laboratory Manager

REMP Reviewed: 184 4-18-90

OLD ASH DISPOSAL SITE MONITORING WELL LOCATION DIAGRAM

Section 3 Revision No. 01 Page 1 of 1 August 31, 1988





17-AUG-90

Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS Sample Type: GROUND WATER
Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION RESULTS IN pci/1 +/- 2s 053757 WS-GW-OASMP1 * Start: 072390 13:00 Stop: 072390 13:00 CO-60 Less Than 4 Old Ash Disposal Site Well, MP-1 CS-134 Less Than 4 Less Than 3 CS-137

* Sample collected by personnel at PENELEC'S Williamsburg Station.

Environmental Radioactivity Laboratory Manager

REMP Reviewed: 184 8-28-40





Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS

Sample Type: GROUND WATER
Analysis Typa: Gamma Spectrometry of Water

GPU ID | STATION ID | COLLECTION | RESULTS IN pci/1 +/- 2s

053759 WS-GW-OASMP2 * Start: 072390 13:00
Stop: 072390 13:00

Old Ash Disposal Site Well, MP-2

CO-60 Less Than 4 CS-134 Less Than 4

CS-137 Less Than 3

* Sample collected by personnel at PENELEC'3 Williamsburg Station.

approved: Raymond J. Dana

Date:

8/20/90

Environmental Radioactivity Laboratory Manager

REMP Reviewed: 1848-28-40





Environmental Radioactivity Laboratory 2574 Interstate Unive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS Sample Type: GROUND WATER
Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION | RESULTS IN pci/1 +/- 2s 053762 WS-GW-OASMP3 * Start: 072390 13:00 Stop: 072390 13:00 CO-60 Less Than 4 Less Than 4 CS-134 Old Ash Disposal Site Well, MP-3 CS-137 Less Than 4 Sample collected by personnel at PENELEC'S Williamsburg Station.

Environmental Radioactivity Laboratory Manager

REMP Reviewed: 184 8-28-40



Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

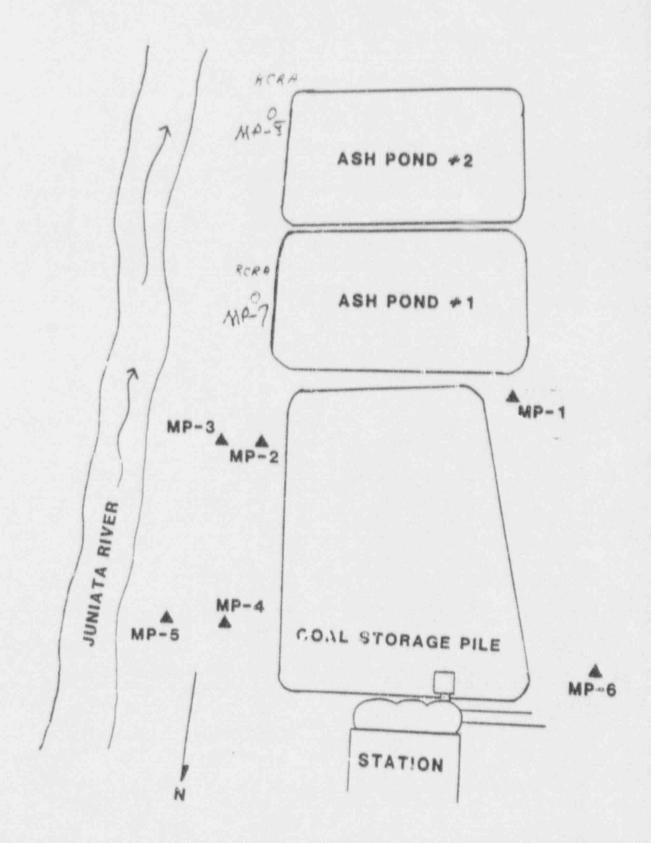
REPORT OF ANALYSIS Sample Type: GROUND WATER
Analysis Type: Gamma Spectrometry of Water GPU ID STATION ID | COLLECTION | RESULTS IN pci/1 +/- 2s 053764 WS-GW-OASMP4 * Start: 072390 13:00 Stop: 072390 13:00 CO-60 Less Than 4 CS-134 Less Than 4 Old Ash Disposal Site Well MP-4 CS-137 Less Than 4 Sample collected by personnel at PENELEC'S Williamsburg Station.

Raymond J. Danahy Date: 8/20/90

Dr Raymond J. Danahy Environmental Radioactivity Laboratory Manager

REMP Reviewed: XEA +-28-90

FIGURE 3E COAL STORAGE PILE MONITORING WELL LOCATION DIAGRAM







Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

BEVERLY A. GOOD Saxton General Manager C/O TMI Environmental Controls Harrisburg, PA 17110

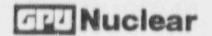
REPORT OF ANALYSIS Sample Type: GROUND WATER
Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION | RESULTS IN pci/1 +/- 2s 053756 WS-GW-CPSMP1 * Start: 072390 13:00 Stop: 072390 13:00 CO-60 Less Than 3 CS-134 Less Than 3 Coal Storage Pile Well, MP-1 CS-137 Less Than 3 * Sample collected by personnel at PENELEC'S Williamsburg Station.

Environmental Radioactivity Laboratory Manager

18 8-27-90

REMP Reviewed: 18





Environmental Radioactivity Laboratory 2574 Intorstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-560-6516

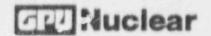
BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS Sample Type: GROUND WATER
Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION | RESULTS IN PCi/1 +/- 2s 053758 WS-GW-CPSMP2 * Start: 072390 13:00 Stop: 072390 13:00 CO-60 Less Than 3 CS-134 Less Than 3 Coal Storage Pile Well, MP-2 Less Than 2 CS-137 Sample collected by personnel at PENELEC'S Williamsburg Station.

Raymond J. Donahy Date: 8/20/90

Environmental Radioactivity Laboratory Manager

REMP Reviewed: 1884 4-2x-90



Environmental Radioactivity Laboratory 2574 Interstate Drive Herr'sburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

BEVERLY A. GCOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

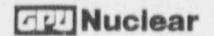
REPORT OF ANALYSIS Sample Type: GROUND WATER
Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION RESULTS IN pCi/1 +/= 2s 053760 WS-GW-CPSMP3 * Start: 072390 13:00 Stop: 072390 13:00 CO-60 Less Than 4 CD-134 Less Than 5 Coal Storage Pile Well, MP-3 CS-137 Less Than 4

* Sample collected by personnel at PENELEC'S Williamsburg Station.

Environmental Radioactivity Laboratory Manager

Date: 8/20/98

REMP Reviewed: 7 84 8-28-40



Environmental Radipactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: "17-5'9-4514

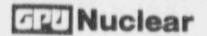
BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS Sample Type: GROUND WATER
Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION | RESULTS IN PCi/1 +/- 2s 053761 WS-GW-CPSMP3 * Start: 072390 13:00 DUPLICATE ANALYSIS Stop: 072390 13:00 CO-60 Less Than 3 CS-134 Less Than 3 Coal Storage Pile Well, MP-3 CS-137 Less Than 3

* Sample collected by personnel at PENELEC'S Williamsburg Station.

Environmental Radioactivity Laboratory Manager

REMP Reviewed: 184 8-28-90



17-AUG-90

Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS Sample Type: GROUND WATER Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION | RESULTS IN PCi/1 +/- 25 053763 WS-GW-CPSMP4 * Start: 072390 13:00 Stop: 072390 13:00 CO-60 Less Than 2 CS-134 Less Than 3 Coal Storage Pile Well, MP-4 CS-137 Less Than 2

* Sample collected by personnel at PENCLEC'S Williamsburg Station.

Environmental Radioactivity Laboratory Manager

REMP Reviewed: 184 8-27-40



Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS Sample Type: GROUND WATER Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION RESULTS IN DC1/1 +/- 2s 053765 WS-GW-CPSMP5 * Start: 072390 13.00 Stop: 072330 13:00 CO-60 Less Than 5 CS-134 Less Than 5 Coal Storage Pile Well, MP-5 CS-137 Less Than 4 * Sample collected by personnel at PENELEC'S Williamsburg Station.

> Environmental Radioactivity Laboratory Manager Date: 8/20/90

篗腤寏恏腤腤凁椺

REMP Reviewed: 1824 8-28-90



Environmental Radioactivity Laboratory 2574 Interstate Drive Herrisburg, PA 17110 Writer's Direct Dial Number: 717-C40-4514

BEVFPLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS GROUND WATER Sample Type: Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | RESULTS IN pci/1 +/- 2s COLLECTION 053766 WS-GW-CPSMP6 * Start: 072390 13:00 Stop: 072390 13:00 CO-60 Less Than 4 CS-134 Less Than 3 Coal Storage Pile Well, MP-6 CS-137 Less Than 4

* Sample collected by personnel at PENELEC'S Williamsburg Station.

Environmental Radioactivity Laboratory Manager

REMP Reviewed: 784 8-28-90





Environmental Andioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

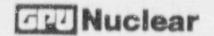
BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS Sample Type: GROUND WATER Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION RESULTS IN pci/1 +/- 2s 053767 WS-GW-AP-MP7 * Start: 072390 13:00 Stop: 072390 13:00 Ash Pond Area Well CO-60 Less Than 2 CS-134 Less Than 3 Less Than 3 CS-137 Sample collected by personnel at PENELEC'S Williamsburg Station.

Environmental Radioactivity Laboratory Manager

REMP Reviewed: 24 8-28-90





Environmental Radioactivity Laboratory 2574 Interstate Drive Harrisburg, PA 17110 Writer's Direct Dial Number: 717-540-4514

BEVERLY A. GOOD Saxton General Manager c/o TMI Environmental Controls Harrisburg, PA 17110

REPORT OF ANALYSIS Sample Type: GROUND WATER Analysis Type: Gamma Spectrometry of Water GPU ID | STATION ID | COLLECTION RESULTS IN pci/1 +/- 2s 053768 WS-GW-AP-MP8 * Start: 072390 13:00 Stop: 072390 13:00 Less Than 4 Less Than 3 CO-60 Ash Pond Area Well CS-134 CS-137 * Sample collected by personnel at PENELEC'S Williamsburg Station.

Environmental Radioactivity Laboratory Manager

让技术表现实验也是指挥技术的现在分词的现在分词的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的

REMP Reviewed: \$ 87 8-28-90

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

2 TYPE OF INCIDEN	and reference on the second second of the St. of the St		OF STREET, STR		BATE DCC	JARED	4. VICTIA	A	
Other							1		
5 SUSPECT	NAME ILAST	FIRST MIDDLE			-	ADDRESS			PHONE
D LEGAL ACTION	RACE	SEX	DOB A	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
D COMPANY OFFICIAL ACTION	IF PENELEC EMPLOYES		WORK LOCATIO	ON	PO	SITION	EMPLO	IYKE NO.	SUPERVISOR
6 HARRATIVE-LIST	ALL RESULTS OF	ADDITIONAL INVES	ITIGATION AND AD	DITIONAL INFO	RMATION FR	OM ABOVE BLOCKS			
	On Octo	per 2, 19	90, the f	ollowing	ginver	tigation w	ras condu	icted.	
100						f the July			
						tive to th			The second secon
	Hr. Wis	e was also	o notifie	d of the	resul	ts of Hs.	Good's	esting.	
			***************************************				The second second second		
642	. AEH					TO THE STREET, THE STREET, STREET,			Marie Commission of the Commission of Commis
							-	-	
Maria alle Managana						************			
				-	-				The state of the s
					-				
				-	-				-
					***************************************	-	Market on the same (minute)	-	The second secon
								THE RESERVE OF THE PARTY.	
-					O Theorem Land market				
" UNFOUNDED (CLEARED		PREPARING REPOR	/	# & SIGNIY	AA EMPLOYEE N	0 W	ORK LOCATION	WORK PHONE
DATE/TIME PREPA	RED	Andre	w E. Moll		C. 116	Ching 9059	and the second second second	EMC-1	8974
0-2-90 B:		RECOMM		D WE		VIEWED BY (INTERNA	L AFFAIRS)		12 PAGE
0 2 30 81	42 88	A STATE OF THE STA	S. HUEU	O MC			1		Of

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

	Annal war has been defined as a party of the	A Trans. Many of the State of t							
TYPE OF INCIDENT					3. DATE OCC	MAED	4 VICTIA		
Other									
SUSPECT	NAME (LAST	FIRST, MIDDLE	}			ADDRESS			PHONE
LEGAL	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
COMPANY	IF PENELEC		WORK LO	CATION	-	A WATER A	-		
DEFICIAL ACTION	EMPLOYEE		MOUNT FO	CA TECH		SITION	EMPLO	IYES NO.	SUPERVISO
AP* TIVE-LIST	ALL RESULTS OF	ADDITIONAL IN	VESTIGATION AN	D ADDITIONAL	INFORMATION FRO	M ABOVE BLOCKS			
					ed Upon-I	nquiry-Only	7 States	sent was	issued
LELA	itive to 1	LDIA INV	PRITIGHTY	.cn			***********	-	THE RESIDENCE OF THE PARTY OF THE PARTY.
	Mr_ C	C and	Mr. Mec	Mere a	dvised of	the status	of thi	s invest	igation
on O	ctober 3								
						-	-		
	development of the latest development of	****					CONTRACTOR AND ADDRESS OF THE PARTY.		
647	AEY.				The second second				
			Name and Advanced Manager Act	-					
			-						
-	-		Militario anti scome i	and the second second					
								-	-
		Maria and a second				-		-	
	-			Control of the Contro					
								TO CHICAGO A CANADA	

		THE STREET, ST. SALVABORA						N-10-01-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
	CLEARED		ON PREPARING R		TYPE & SIGN)	EMPLOYEE NO		ORK LOCATION	WORK PHONE
UNFOUNDED O		Andre	ON PREPARING R	lura		EMPLOYEE NO 9059 VIEWED BY INTERNAL		FORK LOCATION EMC - 1	WORK PHONE 8974



INTER-OFFICE MEMORANDUM

DATE

October 2, 1990

FHOM

Faul Abram

TITLE

Media Relations Manager

PHONE

8296

SUBJECT Upon-Inquiry-Only Statement re Saxton Station Debris Investigation

TO

A.E. Mollura

Attached for your information in case of questions from the media is an updated upon-inquiry-only statement regarding the investigation into an allegation that debris from Saxton Nuclear Generating Station had been dumped at Williamsburg Generating Station.

The statement, approved by J.G. Herbein, also will be used by the Media Relations staff in Johnstown.

Paul alram Paul Abram

cc:

C.A. Burkett (with attachment)

E.R. Cathcart (with attachment)

H.M. Class (with attachment)

555 rith attachment)

CC (with attachment)

J.G. Herbein (with attachment)

ith attachment)

(with attachment)

R.L. Wise (with attachment)

B. 60001

10/3/90 VIA U.S. MAIL



enelec 4GP

LOCATION Johnstown





October 2, 1990

Updated upon-inquiry-only statement re allegations of burial of debris from old Saxton Nuclear Station along the river at Williamsburg Generating Station

Nothing abnormal regarding radiation measurements and environmental sempling resulted during testing along the Frankstown Branch of the Juniata River by officials of Penelec and GPU Nuclear Corporation (GPUNC).

The officials were investigating the possibility that some debris from mid-1970s dismantling activities at the old Saxton Nuclear Generating Station in Bedford County was buried at the Williamsburg Generating Station in Blair County.

The investigation centered on a report that the debris was buried along the river at the Williamsburg station.

The testing determined that all direct radiation measurements and environmental sampling results were consistent with natural background radiation and radioactivity.

The Nuclear Regulatory Commission will be informed of the results of the investigation.

Penelec 4570

3:50 p.m.

RECOMMENDED

10-11-90

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

INCIDENT NUMBER 89-WM-2

EGAL ACTION COMPANY OFFICIAL ACTION EMPLOYEE HARRATIVE—LIST ALL RESULTS OF A On Octob Young request. review.	SUPPLE	MENTI	NCIDEN	IT REPO	RT		
ACTION COMPANY OFFICIAL ACTION WARRATIVE—LIST ALL RESULTS OF A On Octob Young request. review. Nr. Past supplement re report will b supplement re Young for rev	**************************************		3 DATE OCCU	RRED	4 VICTIM	1	
Ompany OFFICIAL ACTION ON OCTOB Young request. review. Mr. Past supplement re report will b supplement re Young for rev	FIRST. MIDDLE)		-	ADDRESS	-		PHONE
On Octob Young request. review. Nr. Past supplement re report will b supplement re Young for rev	SEX DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
On Octob Young request review. Nr. Past supplement re report will b supplement re Young for rev	WORK	LOCATION	POS	mon	EMPLO	YEE NO.	SUPER. E.
Young request review. Mr. Past supplement re report will b supplement re Young for rev	DOITIONAL INVESTIGATION	AND ADDITIONAL	INFORMATION FRO	M ABOVE BLOCKS			
supplement re report will b supplement re Young for rev	er 11, 1990, ed this entir	Ms. Good o	contacted gative rep	this writ	er and a	dvised to him f	hat Mr.
647. ARM	e current. M	r. Pastor	advised	that when	y of the	invest;	gative
647.AEM							
647.ARM						******************	
						-	
				7) I			
			/		***		
UNFOUNDED CLEARED NOT CLEAR*D LTE/TIME PREPARED	Andrew E. Mo		Line a signif	EMPLOYEE 1		WORK LOCATION	WORK PHONE 8974



12 PAGE

OF .

DNO

Peneleç ∕ GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

YPE OF INCIDENT			3 DATE O	CCURRED	4. VICTIM	
Other						
SUSPECT	NAME (LAST, FIRS	IT, MIDDLE)		ADDRESS		PHONE
EGAL ACTION	RACE I	SEX DOB AGE	HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO
COMPANY OFFICIAL ACTION	IF PENELEC EMPLOYEE	WORK LOCATION		POSITION	EMPLOYEE NO.	SUPERVISOR
	On October	r 19, 1990, Mr. Past	tor was s	ent copies	of pages 326 thro	ugh, and
inc	luding, 368	of this investigat:	ve repor	t. These p	ages will supplem	ment, and
		Mr. Pastor's copy o			rastor was diso	sent a
659	AEM			en menonaleur er verske seek († 1800 vansterske		
		\$1000 p. 1000 may (1,000 miles - 2,000 miles - 1000 miles - 2,000 p. 1,000 miles - 1000 miles -			O CONTRACTOR OF THE PROPERTY O	

	THE RESIDENCE OF THE PARTY OF T					
	THE CANADA PARTIES AND AND AND AND AND ADDRESS OF THE			***************************************		
Marie Anna Andrewson						

. UNFOUNCED		8 PERSON PREPARING REPORT	116	man		N WORK PHONE
B NOT CLEARE DATE/TIME PRE	The second secon	Andrew E. Mollu	TA H.C.	11. REVIEWED BY HATE	ERNAL AFFAIRS)	8974 12 PAGE
	11:45 AM	RECOMMENDED	D NO		D	1_ OF .

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

2 TYPE OF INCIDENT		3. DATE OCCURRED	4. VICTIM
Other			
5 SUSPECT	NAME (LAST. FIRST. MIDDLE)	ADDRESS	PHONE
D LEGAL ACTION	RACE SEX DOB AGE	HEIGHT WEIGHT	HAIR EYES SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC WORK LOCATION EMPLOYEE	POSITION	EMPLOYEE NO. SUPERVISOR
6 NARRATIVE-LIST	ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITION		
	On October 23, 1990, the foll		
	Mr. Kline contacted this writ	b were forwarded to M	r. Pastor. He stated
	he will be forwarding the com	aplete copy of this in	vestigative report to
	An additional copy of this re	port, excluding the C	hart of Fignificant
Ever	ots, was forwarded to Mr. Kline,	per his request.	
668.	AEK		
	The second secon		
		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	
	THE PARTY OF THE P		
UNDED I	CLEARED & PERSON PREPARING REPORT (PR	11 1 m 01	TOTAL PROPERTY.
9 DATE/TIME PREPA 10-23-90 1		E) YES 17 REVIEWED BY INTERNA	EMC-1 8974 LAFFAIRS) 12 PAGE 1 OF 1
Maria de la companya del companya de la companya de la companya del companya de la companya de l	THE RESIDENCE OF THE PARTY OF T	A	OF

PENNGYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

NCIDENT NUMBER

2 TYPE OF INCIDENT	age of administrating extent to be considered to the second of the constant of	3 DATE OCCURRED	4 VICTIM
Other			
5 SUSPECT	NAME (LAST, PIRST, MIDDLE)	ADDRESS	PHONE
D LEGAL ACTION	RACE SEX DOB AGE	HEIGHT WEIGHT	HAIR EYES SOCIAL SECURITY NO
OFFICIAL OFFICIAL	IF PENELEC WORK LOCATION	POSITION	EMPLOYEE NO. SUPERVISOR
ACTION	EMPLOYEE		
that	On December 12, 1990, this write his office is no longer responted that the responsibility for	ter spoke with Mr. Saible for the Saxton	n facility. "e further
off	ice of the NRC, located at 475 A	llendale Road, King	of Prussia, PA 19406.
	Young recommended that the offi	ce be contacted rela	ative to the
dis	position of this investigation.		
	It should be noted that Mr. Yo	ung advised he revis	ewed this investigation
and	expressed no concerns.		
			The second secon
728	. AEM		And the second will be an experience and a second a second as the second
		A CALLESTON AND A CALLESTON OF THE PARTY OF	
		Maria Ma	
-			
NEOUNDED C		TYPE A SIL	WORK LOCATION WORK PHONE
A NOT CLEARED	Andrew E. Mollura	4 C. Mollun 9059	EMC-1 8974
9 DATF/TIME PREPA		TYES IN REVIEWED BY INTERNAL	L AFFAIRS)
12-14-90	11:00 AM RECOMMENDED	Ž.	

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

TYPE OF INCIDENT	commence de la commencia de la			3 DATE OCC	URRED	4 VICTIA	4	
Other								
SUBPECT	NAME ILAST, FIR	ST MIDDLE)	The same to be a s		ADDRESS			PHONE
LEGAL ACTION	RACE	SEX DOB	AGE	HEIGHT	WEIGHY	HAIR	EYES	SOCIAL SECURITY NO.
COMPANY OFFICIAL ACTION	IF PENELEC	WORK	LOCATION	PC	SITION	€M-PLC	DYEE NO.	GUPERVISOR
ARRATIVE-LIST		NTIONAL INVESTIGATION					A - A-J	
the		er 13, 1990, n received f						
		he will cor						
		this invest					his write	r as soon
0.8	ue receives	information	I II OM Line	MING B IV	ediou r or	1700.		
728	. AEH							
	and the second s				-	-		
	-							
	THE STREET, ST							
			-					
			The second secon					
		THE RESEARCH OF THE PARTY OF TH		-	********************	-		
			-					
		***					1.44.1	
						***************************************	-	
				,				
FOUNDED	C CLEARED	8 PERSON PREPAR	IING REPORT (PRI	NT/TYPEN SIGNY	VA A PEMPLOYE	E NO	WORK LOCATION	WORK PHONE
NOT CLEARED		The desired services and the service of the service	. Mollura	arrange of the state of the sta	1 kg 059		EMC-1	8974
DATE/TIME PRES		10. FOLLOW-UP ACT			REVIEWED BY INTER	INAL AFFAIRS		12 PAGE
2-14-90	11:00 AM	RECOMMENDED		□ NO		180		OF



PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

TYPE OF INCIDENT					3 DATE OCCU	MHEN	4 VICTIE	44	
Other									
SUSPECT	NAME (LAST.	FIRST MIDDLE)	AND THE RESIDENCE		ADDRESS	Prefer vallered, approximate and		PIGNE
EGAL ACTION	PACE	SEX	008	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY N
DMPANY -	IF PENELEC		WORK LO	CATION	POS	MON	EMPLO	OTSE NO.	SUPERVISO
CTION	EMPLOYEE								
that of th	Edward 1	Pagan, I	icensing	Rngine	e contact her, GPUNC the NRC o	, will co	ntact th	e Region	e advised I office will offer
it fo	r review	W. Mr.	Kline in		that he				
as th	e review	W 18 CCE	pleted.						
	When Mr	. Kline	recontac	cts this	writer,	a supplem	ent repo	rt will)	be
	tted.								
							Maria Maria Maria de Maria de Cara de		
730.8	.EM.								-1/4
of mountaint and form at the same		Carlo Market and Addressed		-					-
AND DESCRIPTION OF THE OWNERS OF THE PARTY OF			CHICAGO CONTRACTOR CON	STATE OF THE PERSON NAMED IN	THE RESERVOIR STREET, SALES	THE RESERVE OF THE PARTY OF THE	THE RESERVE OF THE PARTY OF THE	REAL PROPERTY OF THE PROPERTY OF THE PARTY O	THE STREET, SALES AND ADDRESS OF THE STREET, SALES
								AND DESCRIPTION OF THE PARTY OF	

FOUNDED D	CLEARED	8 PERS	ON PREPARING	REPORT (PRIN	Type & SIGNI	EMPLOYEE	NO	YPORK LOCATION	
NOT CLEARED		And	irew E. 1		A.E. Mod	Aura 9059		WORK LOCATION EMC-1	WORK PHONE 8974
	io.	And			A.E. Mod				



PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

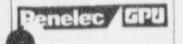
INCIDENT NUMBER

Other									
					3. DATE OCCU		4. VICTIM		
SUSPECT	NAME (LAST	T. FIRST, MIDDLE	1	THE STATE OF THE S		ADDRESS		-	PHONE
ACTION COMPANY	RACE	SEX	DOS	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
OFFICIAL ACTION	IF PENELEC		WORK LO	CATION	POS	TION	EMPLOY	EE NO	SUPERVISOR
NARRATIVE-LIST	ALL RESULTE "F	ADDITIONAL INV	ESTIGATION A	ND ADDITIONAL	INFORMATION FRO	M ABOVE BLOCKS			
the					l advised the inve				
					ttempt to				
					icial pos				
					for revi				
from	A suppl		port wi	ll be su	bmitted w	nen the in	formatio	n is rec	reived
	- Alle	A Strong Land war was a server	Almone Acquire acquire						
752.	AEM		-	***********					
* 100 *		***************************************							
							of distance was a second		
FOUNDED C	CLEARED	8. PERSO	N PREPARING R	EPORT (PRINT	THE ASIGN)	EMPLOYEE N	o wo	RK LOCATION	WORK PHONE
+OT CLEARED			N PREPARING R		The maight	EMPLOYEE N		RK LOCATION MC-1	WORK PHONE 8974
	D D	Andr		ollura	48. Mgg	1	E		

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

TYPE OF INCIDENT								
Other								
SUSPECT	HAME (LAST, F	IRST. MIDDLE)			ADDRESS			PHONE
and the t								
EGAL ACTION	RACE	SEX	DOS A	GE HEIC	THT WEIGHT	HAIR	EYES	SCCIAL SECURITY
OMPANY OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK LOCATIO)N	POSITION	EMPLO	ON BBYC	SUPERVIS
ARRATIVE-LIST		DOITIONAL INVES	TIGATION AND AD	DITIONAL INFORMA	TION FROM ABOVE BLOCK	ξ		-
furt offi verb pert	Mr. Pago her state cial posi sally indi aining to be forwa	n had mad that to tion on cated the this in	de contactie NRC worthis investigation	t with a suld not in stigation were no co	ke with Mr. Rurepresentative saue any documents, and the sale advised ive to these	from the ments related that Mr. of that Mr.	e NRC. M ative to resentati f the NRC	r. Knuble its ve
-					PETERSON STREET, MICHIGAN STANDARD			
IFOUNDED D	1 CLEARED	8 PERSON	PREPARING REPO	RT (PRINT/TYPS) &	STGM DE EMPLOYS	ž NO.	WORK LOCATION	WORK PHON
NOT CLEARED		Andr	ew F. Mol	lura A. E	- Mollowoos)	WORK LOCATION EMC-1	WORK PHON 8974
		Andr		111	o VN PO)		



PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

Other						
SUSPECT	NAME (LAST, FI	RST. MIDDLE)		ADDRESS		PHONE
EGAL ACTION	RACE	SEX DOR	AGE	HEIGHT WEIGHT	HAIR EYES	SOCIAL SECURITY NO
OMPANY OFFICIAL ACTION	IS PENELEC EMPLOYEE	W0. 4 L0	CATION	POSITION	EMPLOYEE NO.	SUPERVISOR
relation this Pene read	On April stive to the tacted by Me s investigate. Mr. sonable job A copy of il 15, 1991 In view of that the resed. Shoul	15, 1991, the NRC's review of the fact the ceview has been	attached w of this pril 8, 1 ed that h advised M the inves nt was fo at all av n complet	investigation. 991. Hr. Roth he is treating the r. Pagan that it tigation. rwarded to Messal enues of investigation and the NRC, to on be received,	received from Mr. J. Roth, NRC, was ad no comments rel is issue as intern appears that Pene s. Wise, Herbein a gation have been e his investigation the investigation	ative to hal to helec did a had Fix on exhausted will be
810	нза.					
810	, ASH					
810	ASN					
810	. ASN					
810	AXX					
810	AEN					
810	ASH					
AFOUNDED NOT CLEARED DATE/TIME PREPA	C CLEARED	8 PERSON PREPARING Andrew E.	Mollura	TYPESE STEAM EMPLOY A EMPLOY A EVEN 11 REVIEWED BY UNIT	9 EMC-1	WORK PHONE 8974 12 PAGE



Memorandum

Subject NRC Review of PENELEC Internal Security Report Date: April 10, 1991

From: Ed Pagan - Engineer Sr. II Licensing

Location MCC

C301-91-0004

70 Andrew E. Mollura - Internal Affairs Manger - PENELEC

During 1990, the subject report was provided to F. Young (NRC TMI-1 Resident Inspector) at his request. Mr. Young in turn provided the report to J. Roth (NRC Saxton Inspector) for review. Since the report was a proprietary one, it was later returned to PENELEC.

The report deals with allegations made by a former PENELEC employee regarding Saxton material alleged to have been buried at the Williamsburgh Facility. The allegations were investigated by PENELEC and determined to be unfounded.

Because we had not heard from the NRC since they returned the report, I telephoned J. Roth on April 8, 1991 to determine if any comments or questions regarding this matter would be forthcoming. Mr. Roth indicated that he looked at the report to see what kind of information PENELEC had generated in their investigation, and had no comments. He did state that because the individual making the allegations never went to the NRC, he treated the issue as an internal one to PENELEC and that it appears PENELEC did a reasonable job in handling the investigation.

Ed Pagan 4/11/91
Ed Pagan
Ext. 7538

EP/amk

cc: B. A. Good - Mgr., Environmental Controls TMI

J. E. Hildebrand - Deputy Director OCNGS

J. P. Kline - Security Analyst III

J. Knubel - Licensing and Regulatory Affairs Director

M. W. Laggart - Mgr., Corporate Licensing





PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

		ne and a supplementary the supplementary of			-				
)ther					3. DATE OCCU	IRRED	4 VICTIM		
5. SUSPECT	NJ.ME (LAST.	FIRST, MIDDLE	THE PARTY OF THE P			ADDRESS			PHONE
D LEGAL ACTION	RACE	SEX	BOG	AGE	HEIGHT	WEIGHT	HAIR	FYEG	SOCIAL SECURITY NO.
D COMPANY OFFICIAL	IF PENELEC	LINCOLOR STREET, AND ADDRESS.	WORK LOX	CATION	POS	SITION	EMPLO	YEE NO.	SUPERVISOR
ACTION	EMPLOYEE								
6 NARRATIVE-LIST A	ALL RESULTS OF A	ADDITIONAL INVI	ESTIGATION AN	D ADDITIONAL IA	FORMATION FRO	M ABOVE BLOCKS.	***************************************		
								-	Manual 1 - mare work as the production account on the second of the seco
						s forwarde	d to Ira	H. Jol	les, GPU
Exec	utive Vic	ce Presi	dent and	Genera!	Counsel	4			
						-			The residence of the second se
	-								
815.	AEM								
		-	-						
3				Mark water to the sales of the		****************		-	
			CONT. ST. CO. CO. CO. CO. CO. CO. CO. CO. CO. CO		THE RESIDENCE OF SHIPE				
-		-	***************************************		-		-		
	AN TRANSPORTER PROPERTY AND ADDRESS THE								
			*******	-		THE SECTION OF THE SECTION OF		-	-
			-	-	that the District Control of the Con				
							-		
								-	
					***************************************	THE CASE OF THE PARTY OF THE PARTY OF			
		-	-	-		-			AND THE PERSON NAMED IN COLUMN 2 IN COLUMN
	M				***************************************				
2 D UNFOUNDED D	CLEARED			Mollura		ON EMPLOYEE N	0. W	ORK LOCATION	
JATE/TIME PREPAR	ED		W-UP ACT TH	and the same of th	1 100 1 111	VIEWED ST INTERNA	L ASFAIRS)	EMC-1	8974
4-23-91 11	:00 AM		DECHEMA		S NO		R	7	12. PAGE 1 OF 1
THE RESERVE AND PERSONS ASSESSED.	THE RESERVE AND ADDRESS OF THE PARTY OF THE	THE RESERVED FOR THE PERSONS ASSESSED.	Name and Address of the Owner, where the Owner, where	PRINT OF STREET, STREE	THE RESERVE ASSESSMENT OF THE PERSONS	THE OWNER WHEN PERSON NAMED IN		-	

INTER-OFFICE MEMORANDUM

Penelec GPU

LOCATION Johnstown, EMC-1

DATE

April 23, 1991

TLE

A. E. Mollura

Internal Affairs Manager

Ext. 8974

SUBJECT

Internal Affairs Incident Investigation

TO

Ira H. Jolles

The attached memo is being forwarded to you, at the direction of R. L. Wise, relative to . 1989 investigation which was conducted by Penelec's Internal Affairs Department.

I. 1989, a former Penelec employee alleged that radioactive waste, from the Saxton Nuclear Experimental Corporation, was buried at Penelec's Williamsburg Generating Station. Evidence and information gathered during the investigation failed to substantiate the allegation. In 1990, an additional allegation was received which required the reopening of the investigation. The additional allegation was thoroughly investigated and also could not be substantiated.

The NRC reviewed the initial investigation and conjurred with the findings. The NRC did not take any further action and officially considered the matter closed. Following the investigation of the 1990 allegation, the NRC again reviewed the investigation, in its entirety. As indicated in the attached memo, the NRC expressed no concerns.

The Pennsylvania Public Utility Commission was apprised of the investigation after the initial allegation and indicated concurrence with the findings.

Penelec's Internal Affairs Incident Report #89-WM-2 remains available for your review, upon request.

Please contact me should you have any questions or comments relative to this memo.

Andrew E. Molliera

attachment

cc w/o att: R. L. Wise

SERVICE IS GOOD BUSINESS

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

89-WM-2

INCIDENT NUMBER

OF INCIDENT Other Suspect				3. DATE OCC	PRED	4. VICTIM	
-						Penelec	
SUSPECT	NAME (LAST. F	PRST, MIDDOLE)	O Coperation of the State of th		ADDRESS	and the same of th	PHONE
LEGAL ACTION	RACE	SEX DOB	AGE	HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO
COMPANY OFFICIAL ACTION	IF PENELEC EMPLOYEE	WORK	LOCATION	PO	SITION	EMPLOYEE NO.	SUPERVISOR
NARRATIVE-LIST	ALL RESULTS OF AD	DOTTONAL INVESTIGATION A	AND ADDITIONAL	INFORMATION FRO	OM ABOVE BLOCKS.		
					THE SAME OF THE PARTY NAMED AND PARTY THAN	MINER, MEDITAL PROPERTY AND A SERVICE AND A	
	On Jul	у 8. 1991,	the fol	lowing	investiga	tion was con	ducted.
	At ap	proximately	9:30	AM,	VVV	Dir	ector -
Mat						was inform	ed from
202		W .,				nat QQ , advised him	that ha
						Saxton Stat	
						W told	
		1991, in th				VVht.bilabeliad	Add History Comments
whi	Mr.	WWW wa	s then	asked to	join Mr	. VVV and	d me, at
wen	t on to	say that he	WAS V	isiting	Mr. O.	when Mr.	9.0
sta	ted that	if the Com	pany do	es not	retain hi	m (Mr QQ	dot
						Peneluc's do	
pro	gram), h	e will expo	se this	informa	tion and	other inform	ation of
app	arent wr	ongdoing.					
	wat				-		
	This w	riter then	recomme	nded th	at Mr.	QQ be int	erviewed
4	enlarelv	relative t	o this	informa	fion. A	meeting was	set for
imm	O DM and to	la hara as -					
imm 1:00	O PM wit	h Mr. QQ	, MI.	VVV	and me.		
1:00	O PM wit	0 PM, Mr.	QQ	appeare	in Mr.	VVV of	fice and
1:00 met	At 1:0	0 PM, Mr.	QQ and me.	appeare	in Mr.	VVV of	employed
net by	At 1:0 with Mr Penelec	0 PM, Mr.	QQ and me. years,	appeared Mr. G	in Mr.		employed
net by	At 1:0 with Mr Penelec	0 PM, Mr.	QQ and me. years,	appeared Mr. G	in Mr.	VVV of	employed
net by	At 1:0 with Mr Penelec ated the	0 PM, Mr. - VVV _a for seven following	QQ and me. years, informa	appeared Mr. G two yes	d in Mr.	VVV of ho has been is present p	employed osition,
net by	At 1:0 with Mr Penelec ated the	0 PM, Mr. VVV a for seven following	QQ and me years, informa	appeared Mr G two yes	d in Mr.	VVV of ho has been is present po	employed osition,
net by	At 1:0 with Mr Penelec ated the During Willia	0 PM, Mr. VVV at for seven following 1990, Mr msburg Stat	QQ years, informa QQ tion.	appeared Mr G two yes tion spoke w	d in Mr. Q Wars in h	VVV of ho has been is present policy ld-timer" at ke about this	employed osition,
net by	At 1:0 with Mr Penelec ated the During Willia that i	o PM, Mr. VVV a for seven following 1990, Mr msburg Stat mpacted Pen	QQ years, informa QQ tion.	appeared two yes tion. spoke with the contract of the contract	i in Mr. Q Wars in hi	VVV of ho has been is present policy ld-timer at the dividual state.	employed osition, the ngs
net by	At 1:0 with Mr Penelec ated the During Willia that i that	for seven following	QQ informa QQ tion. elec's	appeared two yes tion. spoke with mr. Q rates as ial fre	in Mr. Q Wars in had a spoon of the important the importa	VVV of ho has been is present policy at the about this dividual stars axton Nucle	employed osition, the ngs ted ear
net by	At 1:0 With Mr Penelecated the During Willia that i that Experi	0 PM, Mr. VVV a for seven following 1990, Mr msburg Stat mpacted Pen radioactive mental Corp	QQ tion. pelec's mater oration	appeared two yes tion spoke w Mr. Q rates as ial fre was hur	d in Mr. Q wars in hi	VVV of ho has been is present policy at the dividual state about this	employed osition, the ngs ted ear ash
net by	At 1:0 with Mr Penelec ated the During Willia that i that Experi pile w the na	o PM, Mr. VVV a for seven following 1990, Mr msburg Stat mpacted Pen radioactive mental Corpo hen Saxton me of the F	QQ and me years, informa QQ tion. elec's mater oration was clo	appeared two yes tion. spoke with Mr. Q rates as ial from was hur sed. M employe	i in Mr. Q Wars in hi ith "an o' Q spoint the in om the ied in Wi r. QQ e, but b	VVV of ho has been is present policy ld-timer" at ke about this dividual sta Saxton Nucl lliamsburg's does not ke elieves that	employed osition, the ngs ted ear ash now he
net by	At 1:0 with Mr Penelec ated the During Willia that i that Experi pile w the na was in	for seven following 1990, Mr msburg State mpacted Pen radioactive mental Corporate Saxton me of the Butte Mainte	QQ and me years, informa QQ tion. melec's mater oration was clo penelec	appeared two yes tion. spoke with Mr. Q rates an ial from was hur sed. M employe Department	i in Mr. Q Wars in hi ith "an o' Q spoint the in om the ied in Wi r. QQ e, but h nt. It	VVV of ho has been is present policy at the dividual state saxton Nucli liamsburg's does not know elieves that is assumed to	employed osition, the ngs ted ear ash now he hat
net by	At 1:0 With Mr Penelec ated the During Willia that i that i that Experi pile w the na was in the in	o PM, Mr. VVV a for seven following 1990, Mr msburg Stat mpacted Pen radioactive mental Corpo then Saxton me of the F the Mainte dividual re-	QQ tion. pelec's mater oration was clo penelec enance I	spoke wition.	d in Mr. Q wars in had a spoon of the in will be in will be in the int. It station is	VVV of ho has been is present policy at the dividual state saxton Nucle liamsburg's does not know that is assumed to was closed.	employed osition, the ngs ted ear ash now he hat The
net by	At 1:0 With Mr Penelec ated the During Willia that i that i that Experi pile w the na was in the in	o PM, Mr. VVV a for seven following 1990, Mr msburg Stat mpacted Pen radioactive mental Corpo hen Saxton me of the F the Mainte dividual re	QQ tion. pelec's mater oration was clo penelec enance I	spoke wition.	d in Mr. Q wars in had a spoon of the in will be in will be in the int. It station is	VVV of ho has been is present policy at the dividual state saxton Nucli liamsburg's does not know elieves that is assumed to	employed osition, the ngs ted ear ash now he hat The
met by rel:	At 1:0 With Mr Penelec ated the During Willia that i that Experi pile w the na was in the in conver	o PM, Mr. VVV a for seven following 1990, Mr msburg Stat mpacted Pen radioactive mental Corpo then Saxton me of the B the Mainte dividual re- sation was	QQ and me years, informa QQ tion. elec's mater oration was clo enance I tired w shortly	appeared from two yes tion. spoke with the spoke w	in Mr. Q Wars in hint A spond the income t	VVV of ho has been is present policy ld-timer" at ke about this dividual sta Saxton Nucl lliamsburg's does not ke elieves that is assumed to was closed retired for	employed osition, the ngs ted ear ash now he hat The rom
met by rel:	At 1:0 With Mr Penelec ated the During Willia that i that Experi pile w the na was in the in conver	for seven following 1990, Mr msburg State mpacted Pen radioactive mental Corporate of the Mainte dividual resolution was	QQ and me years, informa QQ tion. melec's mater oration was clo Penelec enance I tired wi shortly	appeared two yes tion. spoke with the spoke with t	in Mr. Q Wars in hint an old spool of the int om the ind in William the int. It station is XXX	VVV of ho has been is present policy at the about this dividual states axton Nucle liamsburg's does not know the contract of t	employed osition, the ngs ted ear ash now he hat The rom
met by rel:	At 1:0 with Mr Penelec ated the During Willia that i that Experi pile w the na was in the in conver	o PM, Mr. VVV a for seven following 1990, Mr msburg Stat mpacted Pen radioactive mental Corpo then Saxton me of the B the Mainte dividual re- sation was	QQ and me years, informa QQ tion. elec's mater oration was clo enance I tired wi shortly	appeared two yes tion. spoke within a control rates and in a control sed. Moreover the control after	in Mr. Q Wars in hint A spond the income t	VVV of ho has been is present policy ld-timer" at ke about this dividual sta Saxton Nucl lliamsburg's does not ke elieves that is assumed to was closed retired for	employed osition, the ngs ted ear ash now he hat The rom

Penelec 4GPU

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

89-WM-2

Penelec, because Mr. XXX previously was storekeeper responsible for the Williamsburg Station. QQ cannot say exactly when the conversation occurred Mr. QQ could not describe the individual, what he was wearing, or where the individual lived. It could be determined that the individual was a bargaining unit employee because he was wearing a yellow hard hat. The individual did not appear to be concerned about the alleged burial of material when he had the conversation with Mr. ac

At the time Mr. QQ was told about the burial, he did not give it much credence. However, in view of Mr. QQ current employment situation with the Company, he is looking for bargaining chips. The information about the Saxton facility is in addition to all of the "skeletons" in the Procurement and Stores Departments.

TJ ___ (Seward Clerk) was contacted this date by Mr. QQ and asked about the information on the Saxton burial Mr JJ was proviously a clerk at Saxton and lives in Saxton Borough. Mr. JJ advised that this (information relative to radioactive waste from SNEC being buried at Williamsburg) came up approximately one or two years ago Mr. JJ said that he asked Mr. Herbein about this information and Mr. Herbein said that he would talk to him about it later Mr. JJ tied the information to Mr. AA departure from the Company. As a result of what Mr. JJ said, it appears that Mr. Herbein did some type of investigation.

Mr. QQ stated that the individual whom he spoke with at Williamsburg was a white male, late sixties, whitish hair, wore safety glasses, and had no scars, marks or tatoos. No additional information could be supplied about the individual.

yyy Administrator I - Human Resources, was contacted and requested to search the Human Resources records relative to all bargaining init individuals who retired from Williamsburg during 1990. YYY advised that she would obtain the information and send it to this writer.

Refer to a memo to the 1991 Special Investigation file relative to other information discussed with Mr. QQ during the meeting unrelated to this investigation.

W902.AEM

ON PREPARING REPORT (PRINT/TYPS & SIGH) Andrew E. Mollura

- A.

4 REVIEWED BY (INTERNAL AFFAIRS)

010:8%

PAGE

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

			A CONTRACTOR OF THE PARTY SERVICE SERV	4. VICTIM
AND DESCRIPTION OF THE PARTY OF		THE RESIDENCE OF THE RESIDENCE OF THE PARTY	3. DATE OCCURRED	Penelec
OF INCIDENT			ADDRESS	PHONE
her	NAME (LAST, FIRST, MI	(DOLE)	ADDRESS	
PECT		DOB AGE	HEIGHT WEIGHT	HAIR EYES SOCIAL SECURITY
AL. NON	RACE SEX	506		EMPLOYEE NO. SUPERV
MPANY		WORK LOCATION	POSITION	EMPLOTES IN
DOME	IF PENELEC		The state of the s	PV E
TION	EMPLOYER OF ADDITION	AL INVESTIGATION AND ADDITIO	NAL INFORMATION FROM ABOVE BLOC	
R.6	On July :	12, 1991, formed me that	yyy the following ba Williamsburg St	Administrator I - Human argaining unit employees ation.
re	tired, in i	790, 1101		
	,	KK	note of	Retirement: 1-30-90
	MM	, posterone	Date of	Retirement: 6-30-90
				M. A Parameter and Committee and A Committee of Committee
	00	,	Date o	f Retirement: 6-30-90
	and manufactures and a second		And the state of t	he three individuals to
	attemnt	s will be ma	de to contact	og relative to the
	All I was properly to the second seco			
			AN MICE CO TAX AND THE LAND CONTRACTOR OF THE PARTY OF TH	The manager will
		the individual	s are contacted,	a supplement report and
	ascertain 11 alleged buri At the time	the individual	s are contacted,	a supplement report will
		the individual	s are contacted,	a supplement report
	ascertain 11 alleged buri At the time	the individual	s are contacted,	a supplement report
	ascertain 11 alleged buri At the time	the individual	s are contacted,	a supplement report
	ascertain 11 alleged buri At the time	the individual	s are contacted,	a supplement report
	ascertain 19 alleged buri At the time be submitted	the individual	s are contacted,	a supplement report
	ascertain 11 alleged buri At the time	the individual	s are contacted,	a supplement report
	ascertain 19 alleged buri At the time be submitted	the individual	s are contacted,	a supplement report
	ascertain 19 alleged buri At the time be submitted	the individual	s are contacted,	a supplement report
	ascertain 19 alleged buri At the time be submitted	the individual	s are contacted,	a supplement report
	ascertain 19 alleged buri At the time be submitted	the individual	s are contacted,	a supplement lepoz
	ascertain 1: alleged buri At the time be submitted	the individual	s are contacted,	EMPLOYEE NO. WORK LOCATION WO
7. C UNFOU	ascertain 1: alleged buri At the time be submitted	8. PERSON PREPARING REP	ORT (PRINT/TYPE & SIGN)	EMPLOYEE NO. WORK LOCATION WG
	ascertain 1: alleged buri At the time be submitted	the individual	ORT (PRINT/TYPE & SIGN)	EMPLOYEE NO. WORK LOCATION WO

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

1						
OF INCIDENT	T			3. DATE OCCUHRED	4 VICTIM	NEW SOURCE STATE OF THE LAND OF THE LAND SOURCE STATE OF THE LAND STATE OF T
6. SUSPECT	NAME (LAST	FIRST, MIDDLE)		ADDRESS	The same of the sa	P. ONE
C LEGAL ACTION	RACE	SEX D	OB AGE	HEIGHT WEIGHT	HAIR EYES	SOCIAL SECURITY NO.
D COMPANY OFFICIAL	IF PENELEC	week administration to be a second	HORK LOCATION	POSITION	EMPLOYEE NO.	SUPERVISOR
6 NARRATIVE-LIST	EMPLOYED ALL RESULTS OF	ADDITIONAL INVESTIG	JANCITIODA DINA HOITAG	STORMATION FROM ABOVE BL	DCKS.	
	On Ju	ly 31, 19	91, the fo	ollowing inves	tigation was c	onducted.
o£	Mr.				y Person, with	
Mr	. KK	advise	ad that he	never spoke	with, nor does	he know,
mat	terial f	rom Saxto	n was bur	ied at William	msburg. He st	ated that
	ke ha	who i	s a forme	er Penelec en		1. 4
spo	oke with	LL	Mr. K	k could not	furnish any a	ddita
		at 1:25 P		errongik i Balle Derligseldschristeringe Egypteilschristeringe der der der der der der der der der de		
Per					ars of experie	
Mr	- QQ	- Howe	Ver Mr M	M did hear		M N
the	at a hol	e was du	g during the	he day and mar	terial was bro	ught from does not
£01	r additi	onal info	rmation	Mr MM indic	that I contact	eard this
ini	formation 35 PM)	n this su	mmer. (Th	e telephone co	nversation con	cluded at
					ephone Mr. Oc	
tha	at Mr	oo will	not be ho	ome until Mond	ed the phone, ay, August 5,	1991. An
ati	tempt wi	11 be mad	le to conta	act Mr. 00	in the future.	
	At 4:	50 PM, an	attempt w	was made to te	lephone Li	
cor	with ntact	negativ	e results	. Future att	cempts will be	made to
7 C UNFOUNDED C	CLEARED C		E. Mollura	A & Molly 90	OYEE NO. WORK LOCAT	
7-31-91 5		10. FOLLOW-UP RECOMMEN	ACTION	ONO II REVIEWED BY ID		12. PAGE 1 of 2
						445 05 170c

IN PREPARING REPORT IPRINT/TYPE & SIGNL

Andrew E. Mollura

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

89-WM-2

At 4:55 PM. NN who is on disability retirement after approximately 20 years of service with Penelec, was contacted via telephone at his residence at telephone number Mr. NN

indicated that approximately 1 1/2 months ago, he was at Eat'n Park eating breakfast with a group of people. Mr. NN indicated that there were approximately 18 people in attendance. He indicated that people discussed material being brought from Saxton and buried at Williamshurg. The time that the hurial occurred is unknown. Mr. NN does not feel that this did, in fact, occur because everyone talks when things like this happen, but no one said anything at the time it occurred. Mr. NN had no knowledge of this incident prior to him learning the information 1 1/2 months ago. The people the breakfast were current employees of Penelec, in addition to three retirees, to the best of his knowledge. He indicated that all of the people discussed this situation openly. Mr. NN indicated that he preferred to talk about this situation personally, not on the telephone. I informed Mr. NN that I will be contacting him in the future and arrange an appointment to meet with him relative to this situation.

-	W9US AEM
500	

NIS-86 1286

PAGE

4. REVIEWED BY (INTERN. L. AFFAIRS)

ENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

D LEGAL ACTON COMPANY OFFICIAL ACTION EMPLOYEE NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS. On August 1, 1991, James R. Cassidy, Manager — Audit Standards/Control, GPUSC Reading, and Mr Pastor were advised of the information received from Mr. QQ jar that this investigation is reopened. WOOL AEM	OF II	CIDENT	3. DATE OCCURRED	A VICTIM
On August 1, 1991, James R. Cassidy, Manager — Audit Standards/Control, GPUSC Reading, and Mr. Pastor were advised of the information received from Mr. QQ ** that this investigation is reopened.	he	r		
D COMPANY OFFICIAL ACTION EMPLOYEE 6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS. On August 1, 1991, James R. Cassidy, Manager — Audit Standards/Control, GPUSC Reading, and Mr Pastor were advised of the information received from Mr. QQ is that this investigation is reopened. WOO1 AEM	6. SUSPECT	NAME (LAST, FIRST, MIDDLE)	ADDRESS	PHONE
OFFICIAL ACTION EMPLOYEE 8. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS. On August 1, 1991, James R. Cassidy, Manager — Audit Standards/Control, GPUSC Reading, and Mr Pastor were advised of the information received from Mr. QQ 18 that this investigation is required. W001 AEM	ACTION		HEIGHT WEIGHT	HAIR EYES SOCIAL SECURITY NO.
On August 1, 1991, James R. Cassidy, Manager - Audit Standards/Control, GPUSC Reading, and Mr. Pastor were advised of the information received from Mr. QQ in that this investigation is reopened.	OFFICIAL	IF PENELEC WORK LOCATION	POSITION	EMPLOYEE NO. SUPERVISOR
Standards/Control, GPUSC Reading, and Mr Pastor were advised of the information received from Mr. QQ in that this investigation is reopened. W001 AEM	6. NARRATN	E-LIST, ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL	INFORMATION FROM ABOVE BLOCKS.	
Standards/Control, GPUSC Reading, and Mr Pastor were advised of the information received from Mr. QQ in that this investigation is reopened. W001 AEM				
investigation is reopened fr'! WOOL AEM		Standards/Control, GPUSC Read	ing, and Mr Past	Manager - Audit
WOO1 AEM		the information received investigation is reopened.	from Mr. QQ	
		WOO1 AEM		
	_			
				The second secon
7. D UNFOUNDED D CLEARED 8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN) EMPLOYEE NO. WORK LOCATION WORK PHONE LEANED Andrew E. Mollura A. C. Wolfun 059 EMC-1 8974	480		A. E. Worldung 059	
8-1-91 11:55 AM RECOMMENDED DNO 12. PAGE 1 OF		PREPARED 10. SOLLOW-UF ACTION		FFAIRS) 12 PAGE

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

THE COP MACHINERY	ROTTON AND THE PROPERTY.					PRINCES			
Other					2. DATE DO	DUMNED.	4. VICTIM		
SUSPECT	NAME ILAS	, FIRST, MIDDLE	E)			ADDRESS		-	PHONE
LEGAL ACTION COMPANY	RACE	\$4X	DOS	AGE	HEIGHT	WEIGHT	HAR	EYES	SOCIAL SECURITY I
OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK LE	DCATION	P	MCTTRO	EARPLOY	EE NO.	SUPERVIS
MARRATIVE-LIST	ALL RESULTS OF	ADDITIONAL IN	VESTIGATION A	AD ADDITIONAL	INFOHMATION FI	ROM ABOVE BLOCKS.			
- Provide	on Au	gust 9	, 1991,	the f	ollowin	g investi	gation v	was con	
	hon	nortu	internal	ow him	P. KILL	ne met wi	CH-	NW -	at
	ating t				concer	mrnå rnr	OIMALIO	n ne m	ay nave
	acres c	0 51640	440465	E44 6 .					
	- NN	stated	that	in wid	June o	f this ye	ש-טול- דאי	AS BINT	arrad in
8 0	onversa	tion a	st an	Eat'n	Park W	ith sever	al past	and :	present
Pen	elec em	ployeer	B. NN	estin	ates th	at six of	these e	emplove	ez-weie-
ret:	irees.								
				-	-		-		
	The s	ubject	of the	Saxto	n Nucle	ar Plant	was disc	cussed.	Among
	se in a	rrenda	ace, tr	ie empl	ect of				came
up.									
									-

						INDUSTRIAL PROPERTY AND PROPERTY OF ADDRESS	THE RESIDENCE OF THE PARTY OF T	CONTRACTOR DESCRIPTION OF STREET	THE RESERVE OF THE PARTY OF THE
						AND DESCRIPTION OF THE PARTY OF			
	- LL -	claims	Lhat	durin	o this	CONTORTE	set-france-	44	
adv	- LL -	claims	that	durin	y this	convers	ation-	AA	also
	ised L	- tha	it he	AA) W&1	s forced	ation to dum	AA p radio	also pactive
	ised L	- tha	it he	AA	y this) was	s forced	ation- to dum	AA p radio	also pactive
	erials	at the	t he Willia	AA wsbury	Ash pi	s forced	to dum	p radio	oactive
mate	erials	at the	Willia Sule w	AA wsburq oho pro	Ash pi	s forced	to dum	p radio	oactive
mate	rials -	at the	Willia Sule w	AA wsburq oho pro	Ash pi	s forced	to dum	p radio	oactive
mate	- NW -	is not	sure w	MA msburg tho pro	Ash pi	s forced t. he inform	ration o	n the	alleged
wat:	- NW -	at the dis	sure w scussio	ho pro	yided to	he inform	to dum	n the	alleged rmation
LL cond	NN cerning	also	sure w scussion providator a	ho pro	Ash pivided to the folding a forwilliam	he information to the information from the informat	to dum	n the	alleged rmation
LL cond	NN cerning	also	sure w scussion providator a	ho pro	Ash pivided to the folding a forwilliam	he information to the information from the informat	to dum	n the	alleged rmation
LL cond	NN cerning ondense toyed a	at the dis	sure w scussio providator a	ded t	Ash pi vided t he fol is a fo William Station	he information lowing primer fant sburg State	gereral	n the information was	rmation who was as also
concempi	NN cerning pridense toyed at	at the is not dis	sure w scussio providator a	ded t	he fol	he information to the information of the informatio	gereral	n the information was	rmation who was as also
concempi	NN cerning pridense toyed at	at the is not dis	sure w scussio providator a	ded t	he fol	he information to the information of the informatio	gereral	n the information was	rmation who was as also
concempi	NN cerning ondense toyed at loyee at	also LL r oper	sure we scussion provide ator a warried ervisor	ded to the sburg	he foldis a fur william Station e William	he information to the information for the info	gereral siec empation	n the information was	rmation who was as also
conce a conce empl	NN cerning ondense toyed at LL	also LL r oper	sure we scussion provide ator a warried ervisor	ded to the sburg at the	he foldis a fur william Station of william now live	he information to the information for the info	gereral siec empation	n the information was	mation who was as also
conce a conce empl	NN cerning ondense toyed at LL	also LL r oper	sure we scussion provide ator a warried ervisor	ded to the sburg at the	he foldis a fur william Station of william now live	he information to the information for the info	gereral siec empation	n the information was	mation who was as also
conce a concempi	NN reming pridense toyed at LL resylvan.	also LL r oper the selection and and	providator a providervisor	ded to the shurger at the	he foldis a for william station of william now lives self-	he information lowing ormer fance sburg State land amsburg State land	gereral siec empation /	n the dinformation was	mation who was as also
conce a concempi empi	NN reming ondense toyed at LL resylvant	also the states and states	providator a villiam DDD ADD	ded to the sburg at the	Ash pi vided t he fol is a fo William Station e Willi now li s self-	t. he inform lowing ormer fance sburg State i. who is all amsburg S ve outsi employed	gereral site empation de of as a fa	informer i	rmation who was also renelec
conce a concempi empi	NN cerning ondense toyed at LL coyee at LL	also LL r oper later and stated	sure we scussion provide ator a villiam married ervisor DDD AAA1	ded to the sbury at the four	he foldis a fur william Station of William station of the will st	he information to the information for the info	gereral siec empation de of as a fa	informer !	rmation who was as also enelec asburg,
empl Penr	NN cerning ondense toyed at LL coyee at LL	also LL r oper the dater dater dater and stated	sure we scussion provide ator a contract a c	ded to the sbury at the four	he foldis a fur william Station of William station of the will st	he information to the information for the info	gereral siec empation de of as a fa	informer !	rmation who was as also enelec asburg,
empl Penr	NN cerning ondense toyed at LL coyee at LL	also LL r oper the dater dater dater and stated	sure we scussion provide ator a contract a c	ded to the sbury at the four	he foldis a fur william Station of William station of the will st	t. he inform lowing ormer fance sburg State i. who is all amsburg S ve outsi employed	gereral siec empation de of as a fa	informer !	rmation who was as also enelec asburg,
empl Penr	NN cerning ondense oved a LL covee an LL c	also contact the state of the superior and superior and superior and state of the s	sure we scussion provide ator a villiam warried provide ator a villiam warried provisor DDD AAAI that ree to NN 500.	ded to the sbury at the four	he foldis a for william Station of william station of the will be	he information to the information for the info	gereral station of tation. de of as a far discuss	information was william ruler.	mation who was as also enelec asburg,
empl appr appr stat	NN cerning ondense oved a LL covee an LL c	also LL r oper the later in d supe and stated stated stated and stated stated stated	SUIP WESCUSSION PROVIDENCE TO A COLUMN TO	ded to the shurg at the four tated	he foldis a for william Station of william station of the will be	he information lowing ormer Fance sburg State amsburg Stat	gereral siecempation of tation. de of as a farming the discussion work.	information was william rimer.	mation who was as also enelec asburg, Mamsburg above
empl Penr appr Appr Appr Stat	NN cerning ondense toyed at LL coyee at LL	at the is not dis also LL roper the is and super and super and super and stated by the bay.	sure we scussion provide ator a villiam warried provide ator a villiam warried provisor DDD AAAI that ree to NN 500.	ded to the sburg at the four tated	he foldis a for william station of will will station of will station o	he information to the information of the informatio	gereral siecempation / lso a fe tation. de of as a fa discussion works	information was william ruler.	mation who was as also enelec asburg,

D

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NUMBER

	While NN recalls the December 1988 incident in which
	ontaminated soil was found near the Saxton Station, he firmly
	pelieves that there was no dumping of radioactive material in or
	around the Williamsburg site. NN stated that during his
	employment with Penelec he does not recall anyone ever being told
-	to bury radioactive material in or around the Williamsburg site.
	Or this date Wellism and Fline dame to the beer of
*********	Or this date, Mollura and Kline drove to the home of in an attempt to interview her. No one was
	home, and an attempt will be made later to contact her to discuss
	this incident.
-	UAAS TRIV
	WO43.JPK
-	
-	
-	
	바람이 가는 사람이 되었다. 나는 내가 나는 사람이 나는 사람이 나는 것이 하는 것이 없는데 하는데 없다.
-	
heliconom	
-	
-	
-	
-	
-	
-	
ON P	REPARING REPORT INTERPORT SIGNAL A REVIEWED BY (INTERNAL AFFAIRS)
	Kline // (lend)
-	2 OF 2

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

2. TYPE OF INCIDEN	Œ.						
Other	T 20000 0 200 0	IRST, MIDDLE)	-		ADDRESS	The second second second	PHONE
5 SUSPECT	NAME (LAST, F	MS!, MIDDLE)			ADDRESS		PHORE
ACTION	RACE	SEX 0	OOB AGE	HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC		WORK LOCATION	R	DSITION	EMPLOYEE NO.	SUPE VISOR
NABBATNE		ANTIONAL INVESTOR	OUTON AND ADDITION	NA INSCRINATION ES	ON ABOVE SI OCES		-
it knust	On Aug telephone certain a describe me approx ate April LL s ems were	ust 23, in direct of the state	1991, the ls regard NN :- 1 one weel nat AA mped at t	ing her colling her colling her colling her colling advise advise he Williams brough	g investi onversati ed me tha o her de ed her th msburg si t in to	gation was con- in an ex- on with A toppe parture with at he was awa te and that a the dump site as she pass	ffort to AA d by her Penelec are that machine
ya. du	opping by tting alo	y her hong very tated to AA	me, as s well whe hat this advised h	conversa er that l	tion took he had no	thing to do walked with he	as not
ya du hi	opping by tting alo LL T rd and mping. s dismiss LL s pp p mping mat ve been	further erial.	me, as so well when hat this advised her state the Component it a stated ormer she at no time tive in	that cemploye and LL nature;	ibed her ked with tion took he had no AA that he was that A e, was the advise however,	and AA him. c place in he thing to do walked with he as bitter.	er that ible for rial may
dun har cor	opping by tting alo LL s rd and mping. s dismiss LL s pp mping mat ve been nversation	further a ferial. radioac was octated the subject of the subject o	stated ormer SME At no time in id and co	that compeared that compeared that any and that compleared that compleared that compleared that compleared	AA e, was the advise however, e sure.	and AA him. c place in he thing to do w talked with he as bitter. A advised he te one respons that the mate she felt t	er front with the er about er that ible for rial may hat the
ya. dun hi co:	opping by tting alo LL r rd and mping. s dismiss LL s po mping mat ve been nversation LL s ncerning at this	further erial. radioac was octated the subjtime.	stated ormer SNE At no time tive in id and co	that complete did LL nature; uld not be could prove	AA e, was th advise however, e sure.	and AA him. c place in he thing to do w talked with he as bitter. A advised he te one respons that the mate she felt t	er front with the er about er that ible for rial may hat the
dun hi	opping by tting alo LL T rd and mping. s dismiss LL s LL s ncerning at this cleared	further erial. radioac was octated the subjtime.	stated ormer SNE At no time tive in id and co	that complete did LL nature; uld not be could prove	AA e, was th advise however, e sure.	and AA him. c place in he thing to do w alked with he as bitter. A advised he e one respons that the mate she felt t contact with arther inform work Location EMC-1	er that ible for rial may hat the



PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NUMBER

I thanked her for the information and telephone umber and requested that LL call anything else concerning the conversation she	me if she can recall
W049.JPK	
REPARING REPORT (PRINT TYPE STORY) 4 REVIEWED BY INTERNAL AFFAIRS)	



PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

INCIDENT NUMBER

89-WM-2

SUPPLEMENT INCIDENT REPORT

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

389)

OF INCIDEN	VT .			3. DATE OCCUR	RED	4. VICTIM		
5 SUSPECT	NAME LAST	FIRST, MIDDLE)			ADDRESS			BANALE .
S. SUSPECT	Name Tree	, ring i marana			Authess			PHONE
ACTION	RACE	SEX DOS	AGE	HEKIMT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO.
OFFICIAL ACTION	# PENELEC EMPLOYEE	WORK LOX	CATION	Posn	HON	EMPLO	YEE NO.	SUPERVISOR
6. NARRATIVE-LIS	T ALL RESULTS OF	ADDITIONAL INVESTIGATION AN	D ADDITIONAL IN	FORMATION FROM	ABOVE BLOCKS			
								mangani spiritara dar mandan sama ang mananan danang danang dananan.
	on oo	September 4,	1991				I tele	
	W=	00 advised	mo the	at he w	ne empl	ound at		mahuma
St		a Water Analy						
		questioned as					RQ	is.
He	stated	that he doe	s not	know	QQ :	nor can	he re	call a
	nversati	on with QQ	, or	anyone (else c	oncerni	ng the d	umping
oi	radioac	tive material	at Wil	liamsbu	rg.			
	00	stated that	he did	work fo	Z 0000	+1mo =1	the se	b adta
	nducting	water sample	ue and	hae no	knowled	TE OF a	ny dump	n site
n ra	dioactiv	e material.		A Challed Town on the State of the	Partie Control Control	Aggletic records about the constitution of the	hinte of the second state of the	abblight mobile
<u> </u>					THE PERSON NAMED IN COLUMN SAME			
	00	does recall	the 198	9 invest	igation	conduc	ted by P	enelec
- In	is incid	ffairs, but o	ould p	rovide n	o furth	er info	ormation	as to
611	is inclu	ent.						
8:	I tha	nked Mr. oo	for h	is time.	. The	convers	ation en	ded at
WO	79.JPK							
				1				
					THE RESERVE OF THE PERSON NAMED IN			
			ar de maner ende en agrecia de la companya de la co				-	
-	THE RESIDENCE OF THE PARTY OF T							
D UNFOUNDED	O CLEARED	8. PERSON PREPARING RE	PORT PRINTET	THE WEIGH)	EMPLOYEE I	NO. WE	ORK LOCATION	WORK PHONE
LEARED		J. P. Kli	11	Para digni	EMPLOYEE I		ORK LOCATION	WORK PHONE
LEARED / TIME PREPA	ARED		ne J. P.	Mine		F	ORK LOCATION EMC-1	WORK PHONE 8384 12. PAGE



PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

OF INCIDENT		3. DATE OCCURRED	4. VICTIM
ner			
5. SUSPECT	NAME (LAST, FIRST, MIDDLE)	ADDRESS	PHONE
O LEGAL ACTION	RACE SEX DOB AGE	NEIGHY WEIGHT	HAJR EYES SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC WORK LOCATION EMPLOYEE	POSITION	EMPLOYEE NO. SUPERVISOR
6 NARRATIVE-UST	ALL RESULTS OF ACDITIONAL INVESTIGATION AND ADDITION	VAL INFORMATION FROM ABOVE BLOCKS.	
con	On September 17, 199	1, the following	investigation was
	I telephoned Mr.	JJ Sta	tion Administrative
Ass	istant at Seward, and que	stioned him regard:	ing his conversation
wit	h QQ : concerning this	s issue. However,	it was nothing more
tha	h QQ advising JJ	that he QQ	chastown concerning
thi	s issue JJ state	d that it was Q	who stated that
	QQ heard this liamsburg Station	information from	an individual at
8)	JJ _is aware of th		
Int	ernal Affairs conducted	approximately two y	ears ago.
3.5	JJ worked at the	Saxton Nuclear it	e from 1962 to 1973
	JJ is not aware of any n buried at the Williams	y radioactive mater	
			ther knowledge or
inf	ormation concerning this	incident.	
nee	I thanked JJ for ded further information.	his information a I would recontact	nd stated that if I
W07	9 Jbk		
7_D UNFOUNDED D	CLEARED 8. PERSON PREPARING REPORT (#	RINT STYPE SIGN) SEMPLOYEE NO.	WORK LOCATION WORK PHONE
CLEARED TIME PREPAR	J. P. Tline	Flanc 0291	EMC-1 8384
9-17-91 2:		XX YES 11. REVIEWED BY (INTERNAL	AFFAIRS) 12. PAGE 1. OF 1.

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

2. TYPE OF INCIDENT				3. DATE OCC	URRED	4. VICTIM	
Other							
5. SUSPECT	NAME (LAST, FIR	RST. MIDDI.E)			ADDRESS		PHONE
D LEGAL ACTION	RACE	SEX DOB	AGE	HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC	WOF	RK LOCATION	PO	SITION	EMPLOYEE NO	SUPERVISOR
6 NARRATIVE IST		OTTONAL INVESTIGATIO	ON AND ADDITION	NEORMATION CO.	DM 4200 W BI DOVE		
Anal N. over	Dased on ident has be been intered to closed On Octob	the fact to een investi rviewed and to file. Der 25, 199 hat this inc	hat the ingated and all investigations in the contract of the	nformation all parti stigative l	provided by es associate leads have b	QQ regared with that in een exhausted, r, GPU Nuclear Coppinger witurn from his	Security
			A	0.40			
JUMDED D NOT CLEARED DATE/TIME PREPAR		B. PERSON PREPARI J. P. K. 10. FOLLOW-UP ACTI	line J. H	TYPE SIGNI	O291 VIEWED BY UNTERNAL	WORK LOCATION EMC-1 AFFAIRS)	WORK PHONE 8384

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

2. TYPE OF INCIDE	NT				3. DATE OCC	URRED	4. VIC	TIM	The state of the s
Other									
5 SUSPECT	NAME (LAST, F	PRST. MIDDLE)				ADDRESS			PHONE
D LEGAL ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK LOCATI	ON	PC	SITION	EMP	LOYEE NO.	SUPERVISOR
6. NARRATIVE-LI	ST ALL RESULTS OF AS	DOTTIONAL INVES	TIGATION AND A	DOMONAL INF	ORMATION FR	OM ABOVE BLOCKS			
	On Octo	ber 28, 1	1991, at	0740 ho	irs, I a	dvised Int	ternal A	Auditing in	n Reading
GII	at this inc	Ident WI	II be cit	osed to	rile.	r spoke w	iui J.	R. Cassid	
W1	68.JPK								

			C Marie Commission and annual contraction of						
				ATTENNESS TO A STATE OF THE STA	-				
			TO TRANSPORT AND PROPERTY AND PROPERTY AND						
					-				
					10	/			
JUNDED O NOT CLEARED	C CLEARED		REPARING REPORT		PE E SIGN)	O291	NO.	WORK LOCATION	WORK PHONE
9 DATE/TIME PREP	8:30 AM	10 FOLLOW-	UP ACTION	DYE		VIEWED BY IINTERN	AL AFFAIRS)	EMC-1	8384 12 PAGE 1 0/ 1
	THE RESERVE OF THE PARTY OF THE					<u> </u>	-		The same of the sa

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

INCIDENT NUMBER

89-WM-2

SUPPLEMENT INCIDENT REPORT

OF INCIDENT				3. DAT	E OCCURRED	4. VICTI	M	AND RESIDENCE OF THE AND RESIDENCE OF THE RESIDENCE OF TH
her						P	enelec	
5. SUSPECT	NAME (LAST, F	RST, MIDDLE	Per Color of the Paris of the San State	out and the second of	ADDRESS			PHONE
ACTION .	RACE	ŞEX	DOB AGE	HEIGH	T WEIGHT	HAIR	EYES	SOCIAL SECURITY NO
OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK LOCATION		POSITION	EMPL	OYEE NO.	SUPERVISOR
NARRATIVE-LIST	ALL RESULTS OF AL	DOTTONAL INV	ESTIGATION AND ADDIT	IONAL INFORMATI	ON FROM ABOVE BLOC	KS.		1 100
wh	atement :	egard	I to thi	rial of	Saxton d	ebris a	t Willia	mshurg,
	92,				***************************************		****************	
W3	44.JPK							
9								
	The state of the s						**	
					13.64.4.0		***************************************	
	THE PERSON NAMED IN COLUMN							
****	THE RESERVED AND ADMINISTRATION OF SHADOW			(6)//	7-			
7. D UNFOUNDED			ON PREPARING REPORT	ionification a	SIGNI EMPLO	DYEE NO.	WORK LOCATION EMC-1	WORK PHONE 8384
1-9-92	FARED	10. FOLL	OW-LP ACTION MAMENOED	Ø YES □ NO	11. REVIEWED BY (IN			12. PAGE 1 0F 1
THE RESERVE AND PERSONS ASSESSED.	ON DE L'AUTONNE DE	Charles and the second second second	MOTION NAME OF THE PARTY OF THE	-	the same of the day		11111	

Penelec 4GPU

INTER-OFFICE MEMORANDUM

DATE

Jan. 3, 1992



Cindy Burkett

LOCATION Johnstown

PHONE

Media Relations Manager 8450

SUBJECT

Upon-Inquiry-Only Statement re Burial of Saxton Debris at Williamsburg

TO

555

Attached for your information is an upon-inquiry-only statement regarding burial of debris from the Saxton station at the Will amsburg station. The statement was updated in rusponse to an inquiry from a reporter at the Altoona Mirror. The reporter was told by a fellow reporter of a phone call he received from the wife of a disgruntled Penelec employee or former employee who told him of the investigation.

The statement, approved by J.G. Herbein and A.E. Mollura, was faxed to the reporter at his request.

Endy Burkett

cc: J.G. Herbein (with attachment)

J.P. Kline (with attachment)

A.E. Mollura (with attachment)

G.D. Plummer (with attachment)

J.H. Silver (with attachment)

SPOKE WITH YOU THUS AFTER MORNING

(394

W.

Ø

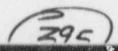
Nothing abnormal regarding radiation measurements and environmental sampling resulted during testing along the Frankstown Branch of the Juniata River by officials of Penelec and GPU Nuclear Corp.

The officials were investigating the possibility that some debris from mid-1970s dismantling activities at the old Saxton Nuclear Generating Station in Bedford County was buried at the Williamsburg Generating Station in Blair County.

The investigation, which began in mid-1990, centered on a report that the debris was buried along the river at the Williamsburg station. Testing at that time determined that all direct radiation measurements and environmental campling results were consistent with natural background radiation and radioactivity.

The Nuclear Regulatory Commission was informed of the results of the investigation.

The investigation was reopened several times to check into additional allegations. However, no evidence was found at any time to support any of the allegations. The final investigation was completed in October 1991.





S OF INCIDENT

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

3. DATE OCCURRED 4. VICTIM

INCIDENT NUMBER

Jther									
SUSPECT	NAME (LAST	, PIRST, MIDDLE	Ð			ADDRESS			PHONE
EGAL ICTION	RACE	SEX	006	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY N
MAPANY FICIAL TION	IF PENELEC EMPLOYEE		WORK LC	OCATION	R	MORTISC	EMPLO	YEE NO.	SUPERVIS
RRATIVE-LIST	ALL RESULTS OF	ADDITIONAL IN	VESTIGATION A	ADDITIONAL	INFORMATION FR	OM ABOVE BLOCKS.			
Marie Santana Caraca						g investi			
		THE RESERVE OF THE PERSON NAMED IN		The second secon		kville,			
cal	1 from	72	E	who ac	ivised t	that a		te	lephone
						or me rec	jarding	Inis 1	rucrus.
and	reques	ted th	at I re	eturn n	er call	*			
	At 11	32 hou	rs, I	return	ed L	L Ca	11. L	L ask	ed if I
	the in	dividu	al who	she sp	ooke wit	h this p	ast_sum	mer cor	cerning
						s. " LL			
						s doing			ion and
Wan	ts to s	peak w	ith	L L	tomorro	w (Janua	ry 7, 1	992).	
CONTRACTOR OF STREET	1.1	atatad	that e	the war	gomowh	at surpri	end ein	co ell	che had
TO						informati			
				THE REPORT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS	Market Street, and Barrier Street, Str	der die der das Production füller Faller Face und			Adam Cl. Challe Library
					The state of the s	fucting :	an inve	eticat	ion for
me	if the	Alto	ona Mi	rror w	as cond	iucting a		stigat	ion for
me	if the	Alto	ona Mi	rror w	as cond	iucting a		stigat	ion for
me	if the	Alto	na Mi	rror w	No. Th		ot "		
me Pen	if the	t which	na Mi	rror w	as cond	ey are n	contac	ted he	
me Pen	if the selec, a	t which	that	rror wated, A	A was hel	has not d earlie	contac r this	ted he	r since
me Pen the	if the selec, a	t which	that ssion,	A which	A was hel	has not dearlies	contact this the contact conta	ted he	r since
the	if the	stated discustated	that stion,	which	A was hel folks:	has not dearlies	contact this the contact contact the contact c	ted he year.	r since
the	if the	stated discustated t and icals	that sting that start and L	which several had be	was hel	has not dearlies in the arcticus; to wheth	contact this the contact this the contact this the contact this the contact th	ted he year.	r since
the	if the selec, a sir last	stated discustated tand icals	that story that story and L	A which several had be	A was hel folks: an some lired as that I	has not dearlies in the arcticuss: to wheth	contact this the contact this the contact this the contact this the contact th	concernarding	r since led with getting ould pay lake any
the grodec	if the selec, a subject these ; ision	stated discustated t and icals physics regardi	that story and Lang the	which several had be inquiated at req	A was hel folks: an some lired as that I	has not dearlies in the arcticus; to wheth	contact this the contact this the contact this the contact this the contact th	concernarding	r since led with getting ould pay lake any
the the grodec	if the selec, a sir last	stated discustated t and icals physics regardi	that story and Lang the	which several had be inquiated at req	A was hel folks: an some lired as that I	has not dearlies in the arcticuss: to wheth	contact this the contact this the contact this the contact this the contact th	concernarding	r since led with getting ould pay lake any
the the grodec	if the clec, a cleck a	stated discustated tandicals physicaregardicals	that story and Lang the pervise	which several had be l inquiated at requion.	was helfolks: an some ired as that I uest, h	has not dearlies in the arc discussion to whether am in no out that	contact this the contact this this this this this this this thi	concernarding elec conto ment:	r since led with getting ould pay lake any ion her
the the gro	if the elec, a le	stated discustated tand- icals physicaregardi my su	that start and Lang that start that	which several had be inquiated at requion.	A was hel folks : en some ired as i that I uest, h	has not dearlies in the arcticuss: to wheth	contact this conta	concernarding elec conto ment:	r since led with getting ould pay lake any ion her
the the grodec required	if the clec, a clear last LL cup phys class on increase to the clear t	stated discustated icals physics regarding sustated at the	that start and Lang that Compan	which several had be inquiated at requion.	A was hel folks an some lired as that I west, he had not con	has not dearlies in the arcticuss to wheth am in no out that	contact this the contact this this this this this this this thi	concernarding elec conto ment:	r since led with getting buld pay lake any ion her
the the grodec required	if the clec, a cleck a	stated discustated tandicals physical regardical my sustated at the	that story and Large that Company	which several had be L inquiated at requion a unic ny had	was hel folks: en some ired as ithat I west, he not con as no f	has not dearlies in the archiscuss: to wheth am in no out that	contact this the contact this this contact this this contact this c	concernating elec conto ment:	r since led with getting buld pay lake any ion her
the the groter dec	if the selec, a line ir last to subject to line if the select to l	stated discustated icals physical regarding stated at the regarding stated stated at the regarding stated stated at the regarding stated sta	that stated that stated that company waver,	which several had be L inquiated at requion. a unice ny had L b	was hel folks: en some ired as ithat I west, he not con as no f	has not dearlies in the archive to wheth am in no out that ducted as irsthand dividual	contact this the contact this the contact this the contact this the contact th	concernating elec conto ment:	r since led with getting ould pay lake any ion her AA on into
the the grodec required this pro	if the celec, a celec	stated discustrated icals physics regarding stated at the F. Howell also emembe	that stated that stated that company waver,	which several had be L inquiated at requion. a unice ny had L b	was hel folks: en some ired as ithat I west, he not con as no f	has not dearlies in the archiscuss: to wheth am in no out that	contact this the contact this the contact this the contact this the contact th	concernating elec conto ment:	r since led with getting ould pay lake any ion her AA on into
the the grodec required this pro	if the selec, a line ir last to subject to line if the select to l	stated discustrated icals physics regarding stated at the F. Howell also emembe	that stated that stated that company waver,	which several had be L inquiated at requion. a unice ny had L b	was hel folks: en some ired as ithat I west, he not con as no f	has not dearlies in the archive to wheth am in no out that ducted as irsthand dividual	contact this the contact this the contact this the contact this the contact th	concernating elec conto ment:	r since led with getting ould pay lake any ion her AA on into
the the grodec required this pro	if the clec, a cleck a	stated discustrated icals physics regarding sustated at the E. Howell also emembe	that story and Large that Company wever, stated	which several had be L inqui- at req ion a unic ny had LL b that dumpi	was hel folks: sn some ired as ithat I west, he not con as no form of sn	has not dearlies in the archiscuss to wheth am in no out that exentative ducted as irsthand dividual axton ma	contact this the contact this this this this this this this thi	concernarding elec conto ment:	r since led with getting ould pay lake any ion her AA on into this
the the groter dec	if the clec, a	stated discustated icals physical regarding sustated at the results of the result	that stated that stated that company waver,	which several had be L inqui- at req ion a unic ny had LL b that dumpi	was hel folks: sn some ired as ithat I west, he not con as no form of sn	has not dearlies in the archive to wheth am in no out that ducted as irsthand dividual	contact this the contact this this this this this this this thi	concernarding elec conto ment:	r since led with getting ould pay lake any ion her AA on into this
the the groter dec	if the clec, a	stated discustated icals physical regarding stated at the	that story and Large that Company wever, stated rs the	which several had be L inquiated at requion a unic ny had LL be that dumpi	was hel folks: en some ired as ithat I uest, h n repre not con as no f	has not dearlies in the archardiscussion to wheth am in no out that ducted an irsthand dividual axton ma	contact this the contact this the contact this the contact this the contact th	concernarding elec conto ment:	r since led with getting ould pay lake any ion her AA on into this
the the grodec red clathi	if the clec, a	stated discustated icals physics regards my sustated at the stated at th	that story, that story and Lang the pervision of the company wever, stated as the company were	which several had be L inqui at req ion. a unic ny had LL b that dumpi	was hel folks: en some ired as ithat I uest, h n repre not con as no f	has not dearlied in the archive to wheth am in no out that ducted an irsthand dividual axton ma	contact this the contact this the contact this the contact this the contact th	concernarding elec conto ment: Afstigating of and shorto	r since led with getting ould pay lake any ion her AA on into this ould be this by
the the groter decored classini process	if the selec, a LL in last last last last last last last last	stated discustated icals physics regarding sustated at the E. How also emembes in the E. How also emem	that story that story that story that Company wever, stated rs the	which several had he L inque at requion a unic ny had LL h that dumpi	was hell folks: sp some lired as it that I west, he may be a some not con as no for an in ng of s	has not dearlies in the archive to wheth am in no out that ducted as irsthand dividual axton ma	contact this conta	concernating elec conto ment:	r since led with getting ould pay lake any ion her AA on into this ould be this by work PHONE 8384
the the groder dec	if the clec, a cleck a	stated discustated icals physical regarding sustated at the stated at th	that story, that story and Lang the pervision of the company wever, stated as the company were	which several had he L inque at requion a unic ny had LL h that dumpi	was hell folks: sp some lired as it that I west, he may be a some not con as no for an in ng of s	has not dearlied in the archive to wheth am in no out that ducted an irsthand dividual axton ma	contact this conta	concernarding elec conto ment: Afstigating of and shorto	r since led with getting ould pay lake any ion her AA on into this ould be this by work PHONE 8384



PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT CONTINUATION REPORT

INCIDENT NUMBER

an	I advised LL that Penelec was continuing its investigation d was attempting at this time to recontact certain parties who
	re involved. QQ .
in	Having no further questions or providing any further formation, the conversation ended at 1140 hours.
	At 1430 hours, I telephoned the Communications Department and
br	iefed Cindy Burkett on the above conversation with LL . Burkett
st	ated that she received a telephone call from a reporter from the
Al	toona Mirror concerning this incident.
	At 1600 hours, I telephoned J. R. Cassidy, Internal Auditing
in	Reading, in an attempt to brief him on this incident. Cassidy
	s not in, but 8888 took a message and stated that he would turn my call on January 7, 1992
w	C. Matthews on the above information.
	o. Nachieno di che above intoination.
W3	45.JPK
PREPARH	IG REPORT / INCOMPRES SIGN) 4. REVIEWED BY (INTERNAL AFFAIRS) 8. PAGE

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

89-WM-2

INCIDENT NUMBER

E OF INCIDENT					3. DATE OCCU	RRED	4. VICTIM	
Other			-	-			Penelec	
SUSPECT	NAME (LAST, FU	RST, MIDDLE)		15.L.		ADORESS		PHONE
D LEGAL ACTION	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR EYES	SOCIAL SECURITY NO
OFFICIAL ACTION	# PENELEC EMPLOYEE		WORK LC	CATION	POI	SITION	EMPLOYEE NO.	SUPERVISOR
NARRATIVE-LIST	ALL RESULTS OF ACK	DITIONAL INV	ES /IGATION A	ADDITIONAL	INFORMATION FRO	M ABOVE BLOCKS		
	On Jan	uary	3, 19	992, 0	ynthia	A. Burk	ett, Media R	elations
- MA	nager, ad	Vised	that i	nforma	tion rel	ative t	toona Mirror No this invest	igation.
Me	Rurkett	sent	a co	DV of	an Upon	Inquiry	news releas	e to the
re	porter on Kline's	that	date.	A co	py of th	e news I	elease is att	ached to
p. 4	on Jan	uary	5, 199	2, Ms.	BUTKett	recont	acted this wr	lew with
ad	L L		L rep	had be	en previ	ougly i	terviewed re	lative to
th	is invest	igati	on) on	Janua	ry 7, 19	92, at	LL re	sidence.
Ms	Burkett	- Euc	ther	advise	d that	the re	porter reque	
in	terview t	his v	writer	I	advised	Ms. Bu	rkett that ma	inagement
	formation						any further re	following
in	dividuals	Ware	ADDI	sed o	f the m	dia rec	ruest: Messr	
Jo Au	lles, Ma diting -	tthew	s, Her	rbein,	Doming	iez, Ja	mes R. Cass: President -	ldy, GPU
26	rvices.	-						
							Secretary & C	
							le that this w	
							reporter and	
							sting Station.	
			-					
	Hr.						contact th	
**************************************	TTT						rvices Directinguez, Vice P	
	The second secon						the PUC rel	
							nterview. A	
							notifying th	
ag	gencies.							
W.							or Gary D.	
							nuary 10, 1992	
7. D UNFOUNDED	C CLEARED	8. ERS	ON PREPARING	REPORT (PR	AL DIME BIONI	A EMPLOYE	E NO. WORK LOCATIO	N WORK PHONE
NOT CLEARED	and the same of th	Α.	E. Mol	10 ca A	E 1901)	una 9059		8974
TE/TIME PREF		10. FOLL	DW-UP ACTION		BYES / 11. A	EVIEWED BY RINTER		12 PAGE
1-10-92 1	0:00 AM	RECO	MMENDED		DNO		X 1/1/	OF

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT

INCIDENT NUMBER

89-WM-2

SUPPLEMENT INCIDENT REPORT

NE OF INCIDENT	AND DESCRIPTION OF THE PERSON NAMED IN		No. of Concession, Name of Street, or other Desires, Name of Street, Name of S	-	3. DATE OCC	LIBRED	4. VICTIM		THE PERSON NAMED IN COLUMN 2 I		
Other						Penel	ec				
SUSPECT	NAME (LAST.	FIRST, MIDDLE			and the second second	ADDRESS			P/4ONE		
LEGAL. ACTIC-1	RACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO		
COMPANY OFFICIAL ACTION	IF PENELEC WORK LOCATION POSITION EMPLOYEE NO. EMPLOYEE										
NASPATIVE-LIST AL	LL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.										
	On Ja	nuary	10, 1	992, 8	t 10:00	AM, Ms	. Burket	t, Ms.	Good,		
Ralp	h Desa	ntis,	GPUNC	Comm	unication	one Dep	or, 1000	and Green	I met		
Walt	ona Pr	, stall	rania	teleph	one #800	-222-196	2, at the	Willi	amsburg		
Stat	cion. '	The me	eting	with M	r. Frank	was for	the pur	pose of	being		
- inte	rviewe	d for	a news	artic	Le that	are buri	ed in the	Willi	mshura		
	egation			es iron	I SNEC W	ere puri	ed in the	MTTTT	amenar A		
2000	12-011-001	is practi									
	ME. F	rank	stated	that	he had	been c	ontacted	by a	former		
Pene	elec emp	ployee	who st	tated t	hat iter	s from S	NEC were	buried	at the		
MITT	Lamebu	rg Scal	tion.	Mr. Fr	ank wen	t on to	say that	20 18	writing		
							rviewed f				
- empl	cyees.	ing D	analac	- 010 - 65	rovide	abveical	erviewed examina	LL			
form	ner Pen	elec d	enelec	eec wh	o ware	assigned	to the	Willi	amebur		
	tion.	0200-1	nur Je w. J.	000 WIII	U HOE U	meorynee					
			-					-	-		
							ank if he				
							ch could				
							nion, the				
							e did sta in the				
							ecorded				
							he will p				
							he number				
							r. Frank				
				-in-th	- Altoo	na Mirro	during	the v	reek of		
Janu	uary 12	, 1992									
	mh o d	n t o meri	ON COR	aludad	at anne	ovinstal	y 11:00 A	M Th	chould		
be v							y 11:00 A				
							known at				
						article					
W348	8.AEM										
UNFOUNDED D	CLEARED	8. PERS	ON PREPARING	REPORT (PS)	NT PTPE & SKINI	7 / EMPLOYE	E NO. WOR	K LOCATION	WORK PHONE		
NOT CLEARED			E. Moli	/2	E: 1/101	LUMA 9059	EM	C-1	8974		
HO! PERMIEN			THE R P. LEWIS CO., LANSING, MICH.	and the same of the same of	F4 - F F F F - A				50 07 7 78		
TE/TIME PREPARE	ED O	10 FOLL	OW-UP ACTION	10	BYES 11. F	EVIEWED BY HINTER			12 PAGE		

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT DDI EMENT INCIDENT REPORT

INCIDENT NUMBER

1	INTERNAL AFFAIRS DEFAR (MENT	
	SUPPLEMENT INCIDENT REPORT	
1		
	3. DATE DOCUMED 4. VICTIM	

OF INCIDENT										
Other					1					
SUSPECT	NAME (LAST, FIR	ST, MIDDLE)				ADDRESS	and the same of th		PHO	INGE.
LEGAL ACTION	RACE	SEX C	908	AGE	некант	WEIGHT	HAIR	EYES	SOCIAL SECT	RITY NO.
COMPANY OFFICIAL ACTION	IF PENELEC EMPLOYEE		WORK LOCA	TION	R	MS/TION	EMPLO	YEE NO.	SUF	PERVISOR
NARRATIVE-LIST	ALL RESULTS OF ADD	ITIONAL INVESTI	GATION AND	ADDITIONAL	INFORMATION FR	OM ABOVE BLOCKS.				
									-	
con	On Jan					following				
	too to					And an are	** - * - *			
	all back	from a	лемер	aper	reporte		a Alto	one Mir	ror who	
	nt an ar									
inf	ormation discuss i	and as)	ced if	she 1	had any	further	informa	ation or	wished	
wit	h regard	to grou	up phy	sical	s from	our prev	lous co	nversat	ion. I	
adv	risad LI	- that-	I had	brou	ght the	issue u				-
	E. Moll	ural a				raiged ti	he tee	ne with	h Muman	
(A. Res	E. Moll	LL st	nd th	at is	he unde	rstands a	nd tha	nked me	for the	
(A. Res inf	ormation.	LL st	nd th ated t ring r	at le	he unde		nd tha	nked me	for the	
(A. Res inf	formation accluded at	LL st Hav : 1437 1	nd th ated t ring r nours.	at le	he unde	rstands a question	nd tha	nked me conve	for the	
(A. Res inf	formation at	LL st Hav : 1437 !	nd the ated to ring a cours.	that s	he unde	rstands a question	nd thans, the	nked me conve	for the	
(A. Res inf	ources. formation cluded at Note: Support	LL st Hav 1437 I	nd the ated to ring a rours.	st he shat so fu	he unde	question Gebhardt, of Penele	Manages for	conve	for the reations hysical	
(A. Res inf	Note: Support	LL st Hav 1437 I	nd the ated tring recours.	st he shat so fu	he unde	rstands a question	Manages for	conve	for the reations hysical	
(A. Res inf	Note: Support	LL st Hav 1437 L A. E. M C. of matte	nd the ated tring recours.	st he shat so fu	he unde	question Gebhardt, of Penele	Manages for	conve	for the reations hysical	
(A. Res inf	Note: Support	LL st Hav 1437 L A. E. M C. of matte	nd the ated tring recours.	st he shat so fu	he unde	question Gebhardt, of Penele	Manages for	conve	for the reations hysical	
(A. Res inf con	Note: Support	LL st Hav 1437 L A. E. M C. of matte	nd the ated tring recours.	st he shat so fu	he unde	question Gebhardt, of Penele	Manages for	conve	for the reations hysical	
(A. Res inf con	Note: Support and the	LL st Hav 1437 L A. E. M C. of matte	nd the ated tring recours.	st he shat so fu	he unde	question Gebhardt, of Penele	Manages for	conve	for the reations hysical	
(A. Res inf con	Note: Support and the	LL st Hav 1437 L A. E. M C. of matte	nd the ated tring recours.	st he shat so fu	he unde	question Gebhardt, of Penele	Manages for	conve	for the reations hysical	
(A. Res inf con	Note: Support and the	LL st Hav 1437 L A. E. M C. of matte	nd the ated tring recours.	st he shat so fu	he unde	question Gebhardt, of Penele	Manages for	conve	for the reations hysical	
(A. Res inf con	Note: Support and the	LL st Hav 1437 L A. E. M C. of matte	nd the ated tring recours.	st he shat so fu	he unde	question Gebhardt, of Penele	Manages for	conve	for the reations hysical	
W37	Note: Support and the point i	LL st Hav 1437 L A. E. M L, of matte forward 8 PERSON PM	nd th ated tring recours. cllurs LL r will	at he that so no fu	he under ther sed L. equest handled	Cebhardt, of Penele by Human	Manages for Resou	nked me conve	for the reations on this work	PHONE
(A. Res inf con	CLEARED ACD COUNTRY SUPPORT AND THE COLEARED SED	LL st Hav 1437 L A. E. M L, of matte forward 8 PERSON PM	nd the ated tring recours. cllura LL result.	at he hat so no fi	he under ther sed L. equest handled	retands a question Gebhardt, of Penels by Human	Manager for Resou	nked me conve	work 838	PHONE

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NUMBER

E OF INCIDENT									
					3. DATE GCC	UMNED	4 VICTIA		
Other	1 0000000000	FIRST, MIDDLE				ADDRESS			PHONE
USPECT	NAME (LAST.	PARET, MEDICALE				Autoricae			THUM.
EGAL	BACE	SEX	DOB	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY N
CTION									
PERCIAL	IF PENELEC	-	WORK LOCA	ATION	PO	SMOW	EMPLO	YEE NO.	SUPERVISO
CTION	EMPLOYEE								
	nducted.	to a	dvise	Mr.	Q Q		Q Q find	ings c	of this
	estions			-					
4 10						investig source			
						to file			
de	velopmen	te I	f any n	ew inf	Formatio	n is gai	ned, th	is repo	ort will
	supplem								
				-	-			-	
***	7.5					Consideration of the second second			
M3.	72.JPK								
WINDOWS STATE OF THE PARTY OF T									
					SELECTION OF THE PERSON OF THE				
							-		
					01/0				
UNFOUNDED	D CLEARED	8 PERS	ON PREPARING RE	eront /mag	Office Substitution	EMPLOYEE	NO.	VOPK LOCATION	WORK PHONE
	D CLEARED			1 1	To typic of specing	EMPLOPEE 0291	NO. V		
UNFOUNDED NOT CLEARED E-TIME PREPA		J.	ON PREPARING RE P. Kline OW-IP ACTION	1 1	11 sac			POPER LOCATION EMC-1 999910	WORK PHONE 8384

PENNSYLVANIA ELECTRIC COMPANY INTERNAL AFFAIRS DEPARTMENT SUPPLEMENT INCIDENT REPORT

INCIDENT NU ABER

*E OF INCIDENT		ACCOUNT FOR A STATE OF THE STAT		3. DATE OCC	IRREO	4. VICTO	d .	Andrew Control of the
OTHER								
6. SUSPECT	NAME (LAST, FI	RET. MIDDLE)			ADDRESS	november of the second		PHONE
D LEGAL ACTION	RACE	SEX DOS	AGE	HEIGHT	WEIGHT	HAIR	EYES	SOCIAL SECURITY NO.
OFFICIAL ACTION	IF PENELEC EMPLOYEE	WORK LO	CATION	PO	SMON	EMPLO	DYEE NO.	SUPER/15OR
6 NARRATIVE-LIST	THE RESERVE OF THE PARTY OF THE	DOTTIONAL INVESTIGATION A	ND ADDITIONAL	INFORMATION FR	OM ABOVE BLOCKS			
	On Jan	uary 24, 199	2 the f	ollowin	g invest:	igation	Was cor	nducted:
phy	1545 hrs	nest of Human and advis- and possible to the PEN	ed her PENEL	that if	she had	a requ	should	
add	iress it	that she un to. I told	he. to	addres	s it to	Mr. Roh	pert Lo	w of the
The	convers	ation ended	at 15	5.0				
					THE RESIDENCE OF THE PARTY OF T			
			ACCOUNTS OF THE PARTY OF				-	
maker to the land of the last								
								The second secon

					-			
		A CONTRACT A CONTRACT OF THE PARTY OF THE PA						
	-			10			NA CONSTRUCTION AND ADDRESS OF THE PARTY AND A	
7. D UNFOUNDED	O CLEARED	8. PERSON PREPARING	HENDRY WAY	NT/prive & segre	EMPLOYE	E NO.	WORK LOCATION	N WORK PHOES
" NOT CLEARED	or an experience of the same o	J.P. Kline	. F.M.	ant) PO2	9:	EMC-1	8384
E72MF PREEZ	ARED 1100m	10 FOLLOW-UP ACTION RECOMMENDED		D NO	REVIEWED BY (INTE	AFFAIRS)		12. PAGE
and the state of the same of t		manufacture of the same of the	-	THE R. P. LEWIS CO., LANSING, MICH.		11/		manus Mr. a