PENELEC / GPU

INTERNAL AFFAIRS DEPARTMENT

WILLIAMSBURG INCIDENT INVESTIGATION
89-WM-2

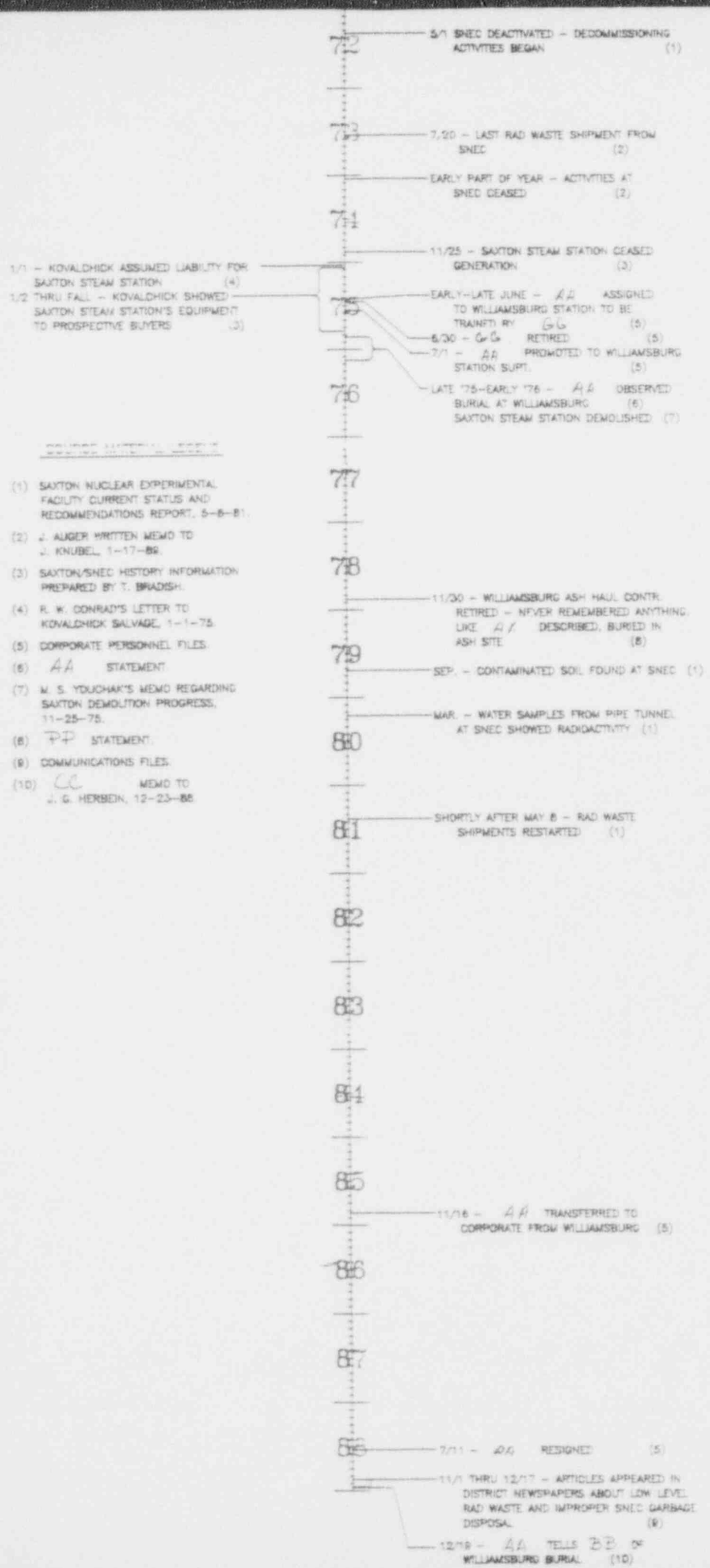
Investigated By: Andrew E. Mollura
Pennsylvania Electric Company
Internal Affairs – Manager

9305170187 930512
PDR ADOCK 05000146
S PDR

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.



(1) SAXTON NUCLEAR EXPERIMENTAL FACILITY CURRENT STATUS AND RECOMMENDATIONS REPORT, 5–8–81.

(2) J. AUGER WRITTEN MEMO TO J. KNUBEL, 1–17–89.

(3) SAXTON/SNEC HISTORY INFORMATION PREPARED BY T. BRADISH.

(4) R. W. CONRAD'S LETTER TO KOVALCHICK SALVAGE, 1–1–75.

(5) CORPORATE PERSONNEL FILES.

(6) AA STATEMENT.

(7) W. S. YDUCHAK'S MEMO REGARDING SAXTON DEMOLITION PROGRESS, 11–25–75.

(8) PP STATEMENT.

(9) COMMUNICATIONS FILES.

(10) CC MEMO TO J. G. HERBEIN, 12–23–88.

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

PERSONAL

INTER-OFFICE MEMORANDUM

Penelec / GPU

DATE February 7, 1989

FROM Andrew E. Mollura
TITLE Internal Affairs - Manager
PHONE Ext. 8974

LOCATION Johnstown, EMC-1

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 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, Cam Imhoff (deceased),

who was the Manager of Station Operations, and questioned him about the activity. Mr. Imhoff 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. Imhoff, 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 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.

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 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. Molnura
Andrew E. Molnura

/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	PAGE NO(S)
KK	382
LL	387-388, 396-397
Conrad, R.	9
Cowgill, C.	324, 325, 326, 327, 328, 329, 330
FF	110
MM	382
Good, B.	331, 332, 336, 337, 341, 343-362, 367
Goodman, D.	337
Greco, J.	61-63, 112, 113, 312, 313, 323, 330
NN	385-386
CC	3, 62, 64, 114, 364
Herbein, J.	1, 2, 9, 286, 312, 330, 331, 332, 336, 337, 343
Hilderand, J.	332
BB	4, 62, 63-65, 337
Kline, J.	326, 327, 328
Knubel, J.	2, 4, 7, 8, 62, 67, 71, 72, 318, 329, 330, 331, 332
Kovalchick, J.	70, 109
AA	7, 8, 63, 284, 285, 329, 330
OO	389
Meo, C.	331, 332, 364
Montgomery, C.	62, 71, 73-77, 286-291
Pastor, K.	341, 363, 367

Rolph, R.	337
PP	64
HH	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

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

W371.JPK

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT
INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT	3 DATE OCCURRED	DAY	4 TIME OCCURRED
Other	See Narrative		See Narrative

5 LOCATION	FACILITY	ADDRESS	BORO./TWP./CITY	COUNTY	PHONE
Williamsburg Generating Station, P.O. Box 70, Williamsburg, PA				Blair	814-832-2111

6 VICTIM — NAME | AGE | HOME ADDRESS | HOME PHONE

WORK LOCATION | POSITION | EMPLOYEE NO | WORK PHONE

7 DISCOVERER	NAME	WORK LOCATION	HOME ADDRESS	HOME PHONE	8 DATE DISCOVERED	9 TIME DISCOVERED
BB	Superintendent - Station Operations, 221				12-19-88	During workday

10 TYPE OF PREMISES | 11 POINT & MEANS OF ENTRY

12 SUSPECT — NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

13 VEHICLE — YEAR | MAKE | TYPE (COUPE, SEDAN, TRUCK) | COLOR | MAN. SERIAL NO. | PENELEC EQUIP. NO. | IDENTIFYING CHARACTERISTICS

☐ VICTIM #1
☐ SUSPECT #2

14 POLICE DEPARTMENT | OFFICER | DEPARTMENT ADDRESS | PHONE | INCIDENT NUMBER

	MAKE	COLOR	MODEL NO.	SERIAL NO.	VALUE
STOLEN PROPERTY					
16 DAMAGED PROPERTY					VALUE

17 TOTAL LOSSES	STOLEN PROPERTY	DAMAGED PROPERTY	LABOR	18 RECOVERED PROPERTY
	$	$	$	$

19 NARRATIVE—LIST WHAT HAPPENED, INTERVIEWS, PHYSICAL EVIDENCE GATHERED, ANY ADDITIONAL INFORMATION FROM ABOVE BLOCKS, AND ANY OTHER PERTINENT INFORMATION

On January 5, 1989, J. G. Herbein notified me at 12:00 noon that he received information from CC Superintendent of the Williamsburg Generating Station, that an unknown substance from the Saxton Nuclear Experimental Corporation (SNEC) site was possibly buried in the Williamsburg ash site during the mid 1970's. Mr. CC received this information from Mr. BB as a result of a telephone conversation between Mr. BB and AA who is a former Penelec employee and former Williamsburg Station Superintendent. Due to Mr. Herbein's concern that

20 ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED	21 PERSON NOTIFIED IN INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN	22 DATE/TIME NOTIFIED
	Andrew E. Mollura	1-5-89 12:00 noon

PERSON PREPARING REPORT (PRINT/TYPE AND SIGN)	EMPLOYEE NO.	WORK LOCATION	WORK PHONE
ndrew E. Mollura A.E. Mollura	9059	EMC-1	8974

24 DATE/TIME PREPARED	25 FOLLOW-UP ACTION RECOMMENDED	☐ YES ☐ NO	26 REVIEWED BY (INTERNAL AFFAIRS)	27 PAGE 1 OF 2
1-7-89 12:30 p.m.			AO	

DISTRIBUTION — WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(1)

MS-84 1286

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT
CONTINUATION REPORT

INCIDENT NUMBER
89-WM-2

the possible buried substance could be radioactive material, he instructed Mr. CC to forward him written correspondence pertaining to Mr. BB telephone conversation with AA Attached to this report is a copy of the handwritten correspondence from Mr. CC to Mr. Herbein, dated December 23, 1988.

Mr. Herbein advised me that he is unaware of any radioactive material being buried in the ash site at Williamsburg. Mr. Herbein did state that the Fossil Fuel Generating Station at Saxton was dismantled in the mid 1970's. The Saxton Nuclear Station was deactivated in the early 1970's. Mr. Herbein stated that some of the equipment was transferred from SNEC to Williamsburg for use, but to his knowledge there was no radioactive material sent to Williamsburg.

Mr. Herbein notified James Knubel, Director GPU Nuclear Security, of this incident. Mr. Knubel, Mr. Herbein, and I agreed that I should interview Mr. BB pertaining to his conversation with Mr. AA A meeting is set for January 6, 1989, with Mr. BB at Penelec's Corporate Headquarters.

Mr. Herbein also notified R. L. Wise and R. W. Conrad of the incident. I notified H. M. Class, Jr. and A. S. Furmanchik, Jr. of this incident.

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

4 REVIEWED BY (INTERNAL AFFAIRS) AA

5 PAGE 2 OF 2

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(2)

cc: KLW
RWC
GG
what he recalls
12-27

Lil Williamsburg

Jack Herbein; 12-23-88

On December 19, 1988 a call came into the Station from AA . During the conversation, he stated that because of the recent news release regarding the radioactive material found outside the fence at the Dayton plant site, we should be aware drums of waste material from the Dayton station were buried in the old ash site at Williamsburg. At the time, the Dayton 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 drums stopped. It seems the material in the drums was somewhat questionable to him.

CC

Jenelec / GPU

INTERNAL AFFAIRS DEPARTMENT
INCIDENT NOTIFICATION

1 TYPE OF INCIDENT	2 INCIDENT NO
OTHER	89-WM-2

3 REQUESTING NO	FACILITY	PHONE NO
AEM	Corp.	8974

LOCATION OF INCIDENT

WILLIAMSBURG STATION

PERSON ISSUING NO	DATE	TIME
AEM	1/5/89	1:30P

REMARKS

J. HERBEIN ADVISED THAT INFORMATION HAS BEEN RECEIVED THAT A SUBSTANCE FROM SALTON POSSIBLY WAS BURIED IN THE WILLIAMSBURG ASH SITE. UNKNOWN IF IT IS A RADIOACTIVE SUBSTANCE AT THIS TIME

7 DATE AUDITING DEPARTMENT NOTIFIED	8 IMMEDIATE AUDIT NOTIFICATION ☒ YES ☐ NO IF YES WHO WAS NOTIFIED	9 INTERNAL AFFAIRS MEMBER INVESTIGATING
1/5/89	S.J. STOCK - IN PERSON	A.E. MOLLURA

WHITE—INTERNAL AFFAIRS CANARY—AUDITING

(3A)

MS-82 108

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION

RACE / SEX / DOB / AGE / HEIGHT / WEIGHT / HAIR / EYES / SOCIAL SECURITY NO

☐ COMPANY OFFICIAL ACTION

IF PENELEC EMPLOYEE / WORK LOCATION / POSITION / EMPLOYEE NO / SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 6, 1989, at 9:30 a.m., Mr. BB a twenty year employee of Penelec, appeared at my office and the following interview was conducted. Mr. BB stated, "One day AA called and we were just chitchatting and the subject of SNEC came up. I think I'm the one that mentioned that (SNEC). All he said was, 'Do you know that you guys have stuff from SNEC buried in your ash site (Williamsburg)?' He said that it came in drums. He said that he didn't know if it was hot (radioactive) or not. He said he had to fight with GG , who he replaced, to get it stopped. He said that this happened when he just came to Williamsburg. I think it was early '76 or late '75. He didn't know how much was buried, where it was buried, or what the substance was. CC said he talked to GG about it and GG told him that nothing was buried from Saxton. When the Saxton plant was dismantled, we did have things shipped to us, like tools and a water purifier, but no radioactive waste that I remember. When the water purifier came, we changed the resin and buried the old resin in the ash pile. I don't know if it was radioactive, but I doubt it. The Saxton plant was torn down by a contractor. I'm not sure of the contractor's name. It may have been Kovalchik from Indiana, Pennsylvania or Reed from Broadtop, about four or five miles from Saxton. When I spoke with AA , there was concern in his voice about the barrels buried in the site. I don't know how the material was taken to Williamsburg." (This interview concluded at 10:00 a.m.)

Following the interview, I met with Mr. Herbein who advised me to confer with Mr. Knubel pertaining to notifying the Nuclear Regulatory Commission (NRC). Mr. Knubel was contacted by telephone and indicated that he would be notifying the NRC immediately of the situation. Mr. Knubel further requested me to establish a meeting with Mr. AA and interview him pertaining to his knowledge about the substance. R. E. Kane contacted Mr. AA and established a tentative meeting for January 9, 1989, between Mr. AA and me. Mr. Knubel will also attend this meeting.

Attached to this report is an upon inquiry news release, which was prepared in the event that the news media requests comment pertaining to this situation.

7. ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

DATE/TIME PREPARED: 1-7-89 12:35 p.m.

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☐ NO

11. REVIEWED BY INTERNAL AFFAIRS:

12. PAGE 1 OF 1

MS-86 1

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(4)

INTER-OFFICE MEMORANDUM

Penelec / GPU

CONFIDENTIAL

DATE January 6, 1989

FROM Paul Abram
TITLE Media Relations Manager
PHONE 8296

LOCATION Johnstown

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
PAUL ABRAM

8808C/pta

cc: C.A. BURKETT (with attachment)
R.W. CONRAD (with attachment)
cc (with attachment)
J.A. JOHNSON (with attachment)
M.M. O'DONOVAN (with attachment)
R.L. WISE (with attachment)

(5)

MS-11 Rev. 6/83

CONFIDENTIAL

January 6, 1989

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.

6803C

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE): ADDRESS: PHONE:

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE: SEX: DOB: AGE: HEIGHT: WEIGHT: HAIR: EYES: SOCIAL SECURITY NO:

IF PENELEC EMPLOYEE — WORK LOCATION: POSITION: EMPLOYEE NO: SUPERVISOR:

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 9, 1989, the following investigation was conducted while in the company of Mr. Knubel.

AA was contacted at his place of business at 2:50 p.m. Mr. AA stated, "I was at Williamsburg as the Superintendent late in '75 or early '76. I remember a backhoe, on tracks, coming onto the ash site property. DD (deceased), who worked for me, knew what was going on, but the only thing I got out of him was that they (people on the ash site) were putting something in the ash site from SNEC. There was a dump truck (triaxial) containing black barrels on top of concrete with re-bar sticking out. I then called Cam Imhoff (deceased), who was my boss and asked what was going on. He said he didn't know what was going on and he would get back to me. About a day or two later, Ralph Conrad called me and bluntly said that it was none of my business and to keep my nose out of it. It was a short conversation and I followed his instruction. I think that DD was the only one at Williamsburg that knew what was going on. I asked DD about what was on the truck and he just said the truck contained articles from SNEC. About a month prior to this, I was at SNEC for a tour and there were some concrete areas marked as radioactive and since I saw areas where concrete previously was removed, I felt the areas I saw, which were marked, were also going to be removed. Because of the secrecy in which the work at the ash site was being done, and the way DD was acting, I suspected that the articles which were buried were radioactive. The work that was being done on the ash site was not done by anyone from Penelec, that I knew, nor were the vehicles Penelec vehicles. I'd say the work was done on the ash site for about a week (Monday through Friday). Because of all the work that has been done on the ash site since that time, I could only say that the articles which were buried were buried in the middle of the site. Although I respected Ralph Conrad's directive, I observed a lot of activity on the ash site for the week they were there. The same truck I saw the first day left the site that same

7 ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura AE Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

DATE/TIME PREPARED: 1-11-89 5:00 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS): AD

MIS-86 12M

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(7)

Penelec / GPU

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 spoke with 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 DD 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.)

Mr. AA insisted that he did not tell Mr. BB of this information for the purpose of getting even with Penelec. The information was only brought to Mr. BB attention as part of a routine telephone conversation between two individuals who are personal friends.

Mr. AA indicated that the following individuals, who are former Penelec employees, may have information pertaining to this incident:

GG - Williamsburg Station Superintendent

HH - Shift Supervisor at the Williamsburg Station and SNEC

II Maintenance Supervisor at Williamsburg Station and SNEC

Mr. Knubel indicated that even during the mid 1970's, low level 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 requested that Mr. Knubel keep him advised of the progress of this investigation.

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

4. REVIEWED BY (INTERNAL AFFAIRS)
BB

5 PAGE 2 OF 2

MS 86 1288

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE): ADDRESS: PHONE:

☐ LEGAL ACTION — RACE: SEX: DOB: AGE: HEIGHT: WEIGHT: HAIR: EYES: SOCIAL SECURITY NO:

☐ COMPANY OFFICIAL ACTION — IF PENELEC EMPLOYEE: WORK LOCATION: POSITION: EMPLOYEE NO: SUPERVISOR:

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 10, 1989, the following investigation was conducted.

Ralph W. Conrad, Senior Vice President, was contacted in his office at 11:00 a.m. and questioned relative to the comment that Mr. AA made on January 9, 1989, about Mr. Conrad telling Mr. AA not to become involved in the incident at the Williamsburg Station. Mr. Conrad stated that he does not recall any conversation with anyone about burying waste from SNEC at Williamsburg and never would have authorized SNEC material to be buried at Williamsburg or any other Penelec facility. He stated that Penelec only had authority to handle the dismantling of the Saxton Steam Generating Station. Mr. Conrad stated that he does not remember anything of how SNEC's waste was disposed of during this time. Mr. Conrad could supply no other information pertaining to this incident. (This interview concluded at 11:15 a.m.)

Attached to this report is information relative to the history of the Saxton Fossil Fuel Plant for retirement and the SNEC retirement. The information was prepared by Thomas Bradish for Mr. Herbein.

Mr. Herbein contacted me and advised that on January 9, 1989, Mr. BB took water samples of the Williamsburg ash site from the CMP 2, CMP 3, and CMP 4 monitoring points. The samples were sent via Penelec's pony system to Dr. Gary Baker, Manager - Radiological Monitoring, GPUNC.

Mr. Herbein notified John Auger and Bob Long of GPUNC of the incident.

7 ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED — DATE/TIME PREPARED: 1-11-89 4:00 p.m.

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 1

MS-85 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(9)

INTRODUCTION

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, AA 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:

I. Identify the period of time before Mr. GG retirement that Mr. AA 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

I. 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 of 2:37 P.M. on November 25, 1974. The station was officially retired on 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.

Kovalchick Salvage Company was the successful bidder for the demolition of the station. Kovalchick moved on site 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 R. C. Bartle and the other dated November 20, 1974 to J. F. Smith 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, 1974, items 1 through 36 on the schedule were to be removed in connection with the retirement 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. Gall 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 JJ (Clerk-Seward) on September 16, 1973.

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

TITLE OF ORDER RETIREMENT — ORDER NO. 111

DIVISION GENERATION — DISTRICT SAXTON STATION — PEARL ORDER NO. 99-443

ASSIGNED BY R. W. CONRAD — ASSIGNED TO T. P. WOLFF — F. E. NO. 1

DATE ASSIGNED 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 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 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 dependant 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	- ($100,000)
Cost Incurred	- 15,000
Net Realized from Sale	- ($ 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:

Gasoline Pump	- Saxton Operating Headquarters 7-523
Brick Storeroom	- " " " "
4 Stall Garage	- " " " "
Substation	- Eastern Operating District Service Department

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 PERFORMED IN ACCORDANCE WITH THIS ORDER?

MAINTENANCE ☐ YES ☐ NO — CONSTRUCTION ☐ YES ☐ NO — RETIREMENT ☑ YES ☐ NO

INDICATE CHANGES ON ACCOMPANYING TAX OR MATERIAL AND/OR SKETCH

REMARKS By complete demolition of the building, Penelec can be relieved of the liability of the abandoned station, realize income from sale of old equipment, and be spared the $25,000 tax bill each year.

DATE COMPLETED 6/1/75 — SIGNED T. P. Wolff

NEW CONSTRUCTION	RETIREMENT			MAINTENANCE ORDER	GROSS REVENUE	OPER. SAVINGS
EST. TOTAL COST	EST. ORIGINAL COST (*)	EST. COST OF ITEM	EST. SALVAGE	EST. TOTAL COST	ESTIMATED	ESTIMATED
	$5,409,289	$15,000	$100,000			

PREPARED BY	DATE	CHECKED BY	DATE	RECORDS	BY	DATE
FF [illegible]	12/6/74			OFFICE OF RECORDS		
APPROVED BY	DATE	APPROVED BY	DATE	TRANSMISSION RECORDS		

EXHIBIT 2

PROPERTY TRANSFER REPORT

DISTRICT NO

FROM

DISTRICT NO

TO

LOCATION	PLANT OR CIV DIV. NO	ACCT OR W O	LOCATION	PLANT OR CIV DIV. NO	ACCT. OR W O	P. R. UNIT CODE	YEAR PUR. OR INST.	DESCRIPTION OF UNIT	(C) (S)	CO. TAG NO. MFR. SER. NO	QUANTITY	ORI C
Fulton Steam Station	7 Wes	314	Transportation Edison				1923	Priming Pump, Rotex Vacuum Pump C.N. Wheelerlift Co 8x16, 50" Pressure complete w/ Induction Motor 6E 6HP 440v 30 1200 RPM. 2 Magnetic Starters Ref No. 8-306-02, 1 Push 6E "752 Hand control 6E 1PH overload & underload protection.				83.
								Depreciated Value $83.00				

REMARKS To be sold to Nated.
To be retired on W.O. 311 - Fulton Steam Station 12/31/73

PREPARED BY
T. Ellis

DATE
12/31/73

P. R. FIELD OFFICE DATE

P. R. FIELD OFFICE DATE

ACCOUNT BIT	C	MAJOR	MINOR	SUMMARY WORK ORDER	DEBIT	CREDIT

ORIGINAL

No T4405

PROPERTY TRANSFER REPORT

DISTRICT NO

DISTRICT NO

FROM LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	TO LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	P R UNIT CODE	YEAR PUR OR INST	DESCRIPTION OF UNIT			
Sarton	7-400	116.2	Williamsburg	7-1	191.4		70	Chair, metal swivel	C	13952	1
"	"	"	"	"	"		70	Chair, metal clerical	C	13953	1
"	"	"	"	"	"		62	Tables, folding			2
"	"	"	"	"	"		61	Power Piping Machine, Toledo Model 99, Universal 115V motor enclosed type stand less wheel	S	0120L9	1
"	"	"	"	"	"		70	Chair, metal swivel	C	13954	1
"	"	"	"	"	"		70	Chair, metal swivel	C	13955	1
"	"	"	"	"	"		23	Desk, metal double	C	14586	1
"	"	"	"	"	"		31	Desk, Steel Type E	C	14587	1
"	"	"	"	"	"		23	Metal File, 5 Drawer	C	14588	1
"	"	"	"	"	"		23	Metal File, 5 Drawer	C	14589	1
"	"	"	"	"	"		59	Camera, AGFA, 35 MM with flash	C	PT-1005	1
"	"	"	"	"	"		66	Slide Master Projector with screen, B & H	S	QB 34012	1
"	"	"	"	"	"		68	Motor Space Heater 6,000 W, 3 Phase, 480 V			1
"	"	"	"	"	"		69	Vacuum Cleaner B & D HD	S	97bd6c	1
"	"	"	"	"	"		50	Vacuum Cleaner Electric GE Model 169A6613	C	13592	1

REMARKS

PREPARED BY DATE

APPROVED BY DATE

P R FIELD OFFICE DATE

P R FIELD OFFICE DATE

SUMMARY

ACCOUNT BR	G	MAJOR	MINOR	WORK ORDER	DEBIT	CREDIT

ORIGINAL

PROPERTY TRANSFER REPORT

DISTRICT NO | DISTRICT NO

FROM LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	TO LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	P R UNIT CODE	YEAR PUR OR INST	DESCRIPTION OF UNIT				
Sexton	7-400	316.1	Williamsburg	7-1	316.1			Drill Press Stand with 1 - 5/8 Jacobs Drill Chuck and 1 drill press vise				
"	"	"	"	"	"		30	Disc Cutting Machine, Ferrte 8693				
"	"	"	"	"	"		30	1 - 20" gate cutter, 1 - 30" valve support				
"	"	"	"	"	"		30	Lathe Chuck with split sphere gear				
"	"	"	"	"	"		28	Gate Valve Resetting Machine #2-16-C with accessories				
"	"	"	"	"	"		31	Gate Valve Resetting Machine Dexter 30" #2-16-C with accessories	C	4174		
"	"	"	"	"	"		28	Globe Valve Resetting Machine #12-T-1 12" with accessories	C	4172		
"	"	"	"	"	"		52	Drill, Radial, Gilbert, Multi-duty, 3' arm, 9" column, 12 speed, 6 feed, complete w/5 H.P. motor	S	5730	1	7 308

REMARKS

PREPARED BY DATE | P R FIELD OFFICE DATE

APPROVED BY DATE | P R FIELD OFFICE DATE

SUMMARY

ACCOUNT SF	GL	MAJOR	MINOR	WORK ORDER	DEBIT	CREDIT

ORIGINAL

PROPERTY TRANSFER REPORT

DISTRICT NO

DISTRICT NO

FROM LOCATION	FROM PLANT OR CIV DIV NO	FROM ACCT OR W O	TO LOCATION	TO PLANT OR CIV DIV NO	TO ACCT OR W O	P R UNIT CODE	YEAR PUR OR INST	DESCRIPTION OF UNIT		
Sarton	7-400	316.1	Williamsburg	7-1	316.1		40	Electric Drill, Thorough #11	S	49439
"	"	"	"	"	"		45	Scaler, I-H, Size 18 with 14" Chisels		
"	"	"	"	"	"			Wrench, I-H, Size #508, Reversible		
"	"	"	"	"	"			Spray, Outside duty,co		
								Hydraulic Filter with hose		
"	"	"	"	"	"		64	Air Hoist, [illegible] Power Model HE64 4p0, 1 ton capacity [illegible] Single drum with [illegible] 3/8" wire rope and [illegible]		
"	"	"	"	"	"		66	3/4 ton CM	S	49547
"	"	"	"	"	"		66	Puller 3/4 ton come-along	S	48547
"	"	"	"	"	"		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	MB927K
"	"	"	"	"	"			Ramset and Pump, 20 ton	S	EE213T

REMARKS

(20)

PREPARED BY DATE

APPROVED BY DATE

P R FIELD OFFICE DATE

P R FIELD OFFICE DATE

SUMMARY

ACCOUNT BW	ACCOUNT G	ACCOUNT MAJOR	ACCOUNT MINOR	WORK ORDER	DEBIT	CREDIT

ORIGINAL

PROPERTY TRANSFER REPORT

DISTRICT NO

FROM

DISTRICT NO

TO

LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	P R UNIT CODE	YEAR PUR OR INST	DESCRIPTION OF UNIT		
Sarton	7-400	316.1	Williamsburg	7-1	316.1		50	Scale, Platform, Portable		
								Fairbanks Morris Company		
								1,000 lb. capacity		
"	"	"	"	"	"		50	Lifting clamp Valg. Merrill		
								Brothers, 1 ton capacity for		
								1/4 to 3/4 plate		
"	"	"	"	"	"		66	Inhalator, Scott Air Pack with		
								Pack Alarm and Cylinder and		
								valve		
"	"	"	"	"	"		64	10" Foxboro Temperature		
								Recorder, Range 0 - 150° F	S 115464	
"	"	"	"	"	"		64	" "	S 115464	
"	"	"	"	"	"		64	Megger Insulation Tester	S 1552165	
"	"	"	"	"	"		66	Meter, Portable Vibration with		
								Stand	S 1157184	
"	"	"	"	"	"		63	VOM Tester, Allegheny Electric		
								Company, Model 270 with case		
"	"	"	"	"	"		61	Grinder Ingersol Rand with		
								multi vein	S 206744	
"	"	"	"	"	"		26	Screwjack, 25 ton		

REMARKS

PREPARED BY DATE

APPROVED BY DATE

P R FIELD OFFICE DATE

P R FIELD OFFICE DATE

SUMMARY

ACCOUNT				WORK ORDER	DEBIT	CREDIT
MP	CL	MAJOR	MINOR			

ORIGINAL

No T 45547

PROPERTY TRANSFER REPORT

DISTRICT NO FROM LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	DISTRICT NO TO LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	P R UNIT CODE	YEAR PUR OR INST	DESCRIPTION OF UNIT				
Saxton	7-400	316.1	Williamsburg	7-1	316.1		59	Air grinder, Ingersoll Rand model 3660	S	3631	1	39
Saxton	7-400	316.1	Williamsburg	7-1	316.1		59	Super chest, J. H. Williams Co. No. 1001, 2 drawer, metal complete with 44 sockets, 32 attachments and 24 wrenches	C	1284	1	
Saxton	7-400	316.1	Williamsburg	7-1	316.1		59	Casket cutting machine, Allen Model B	C	134	1	10
Saxton	7-400	316.1	Williamsburg	7-1	316.1		64	Sabre saw with kit, B & D	S	6208081	1	110
Saxton	7-400	316.1	Williamsburg	7-1	316.1		64	Saw, heavy duty B & D	S	6211629	1	11
Saxton	7-400	316.1	Williamsburg	7-1	316.1		64	Grinder, B & D heavy-duty	S	6235416	1	1
Saxton	7-400	316.1	Williamsburg	7-1	316.1		58	Water heater, Lawson Electric 6 gallon Model 68B			1	29
Saxton	7-400	316.1	Williamsburg	7-1	316.1		63	Boat - Alum Sea Scamp 11'0"	S	6217323	1	210
Saxton	7-400	316.1	Williamsburg	7-1	316.1		25	Drill cabinet steel, 60" x 24" x 13" deep, 6 sloping shelves	C	7191	1	4
Saxton	7-400	316.1	Williamsburg	7-1	316.1		36	Megger, Evershed 1000V	S	137192	1	27
Saxton	7-400	316.1	Williamsburg	7-1	316.1		56	Ammeter type AX tong test with 2 meters and carrying case	S	186790	1	102

REMARKS

(A2)

PREPARED BY DATE

P R FIELD OFFICE DATE

APPROVED BY DATE

P R FIELD OFFICE DATE

SUMMARY

ACCOUNT BR	GL	MAJOR	MINOR	WORK ORDER	DEBIT	CREDIT

ORIGINAL

CT-1 (REV. 1-65)

PROPERTY TRANSFER REPORT

DISTRICT NO. | DISTRICT NO.

FROM LOCATION	FROM PLANT OR CIV DIV NO	FROM ACCT OR W O	TO LOCATION	TO PLANT OR CIV DIV NO	TO ACCT OR W O	P R UNIT CODE	YEAR PUR OR INST	DESCRIPTION OF UNIT				
Sarton	7-400	316.1	Williamsburg	7-1	316.1		63	Hydrogen Ion metal Beckman Zeromatic #9600 line operated 0-14 scale, pushbutton				
"	"	"	"	"	"		63	Electromode Heater, Model AN- 40, 30 KW, 240 V, 1ϕ	S	AN-0240-3	1	
"	"	"	"	"	"		63	Electromode Heater, Model AN- 20, 10 KW, 240 V, 1ϕ	S	AN-0240-13	1	
"	"	"	"	"	"		63	Electromode Heater, Model Type 8513-2, 10 KW, 440 V	S	8513-1	1	
"	"	"	"	"	"		63	Electromode Heater, Type 8513-, 10 KW, 440 V	S		1	
"	"	"	"	"	"		63	Electromode Thermostats, 20° - 90°				
"	"	"	"	"	"		63	0.5 KVA Transformer, Type EP, #323B, 70/A22, 480/220/120/240V			1	
"	"	"	"	"	"		72	Tractor, Int'l. Cub Cadet, Model 149, 14 H.P., w/42" mower & 42" snow blade		2500414 413575	1	

REMARKS

PREPARED BY DATE

APPROVED BY DATE

P R FIELD OFFICE DATE

P R FIELD OFFICE DATE

SUMMARY

ACCOUNT BR	ACCOUNT G	ACCOUNT MAJOR	ACCOUNT MINOR	WORK ORDER	DEBIT	CREDIT

ORIGINAL

PROPERTY TRANSFER REPORT

DISTRICT NO FROM LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	DISTRICT NO TO LOCATION	PLANT OR CIV DIV NO	ACCT OR W O	P R UNIT CODE	YEAR PUR OR INST	DESCRIPTION OF UNIT	ORIGINAL COST
Saxton	7-400	316.1	Williamsburg	7-1	316.1		68	Water heater 6 gallon	$ 75.68
"	"	"	"	"	"		61	Electric heater, Chromalox	
								2000 Watt Motor CHF	2 - 129.44
"	"	"	"	"	"		72	Water Cooler, 1 Standard	$ NM-021.92

REMARKS

PREPARED BY DATE

APPROVED BY DATE

P. R. FIELD OFFICE DATE

P. R. FIELD OFFICE DATE

SUMMARY

ACCOUNT DR	CR	MAJOR	MINOR	WORK ORDER	DEBIT	CREDIT

ORIGINAL

No 1 12 215

TITLE OF ORDER: RETIREM[illegible] | ORDER NO. 311

DIVISION: GENERATION | DISTRICT: SAXTON STATION | REVISED ORDER NO. 99-443

ASSIGNED BY: B. W. CONRAD | ASSIGNED TO: T. P. WOLFF | F. E. NO. 1 | DATE ASSIGNED 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 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 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 dependant 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	-($100,000)
Cost Incurred	- 15,000
Net Realized from Sale	-($ 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:

Gasoline Pump	- Saxton Operating Headquarters 7-523
Brick Storeroom	- " " " "
4 Stall Garage	- " " " "
Substation	- Eastern Operating District Service Department

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 PERFORMED IN ACCORDANCE WITH THIS ORDER?

MAINTENANCE ☐ YES ☐ NO | CONSTRUCTION ☐ YES ☐ NO | RETIREMENT ☑ YES ☐ NO

INDICATE CHANGES ON ACCOMPANYING SKETCH OR MATERIAL AND/OR SKETCH

REMARKS: By complete demolition of the building, Penelec can be relieved of the liability of the abandoned station, realize income from sale of old equipment, and be spared the $25,000 tax bill each year.

DATE FINISHED 6/1/75 | SIGNED T. P. Wolff

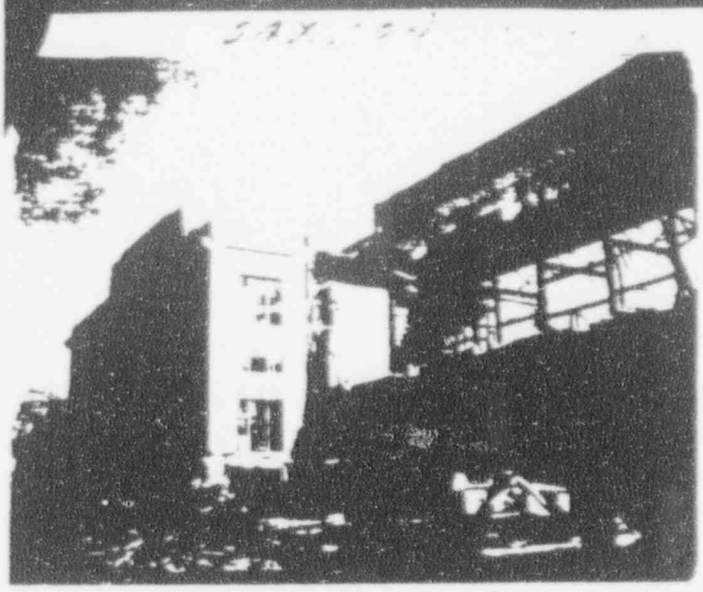
NEW CONSTRUCTION	RETIREMENT			MAINTENANCE ORDER	GROSS REVENUE	OPER. SAVINGS
EST. TOTAL COST	EST. ORIGINAL COST (1)	EST. COST OF REM.	EST. SALVAGE	EST. TOTAL COST	ESTIMATED	ESTIMATED
	$5,409,289	$15,000	$100,000			

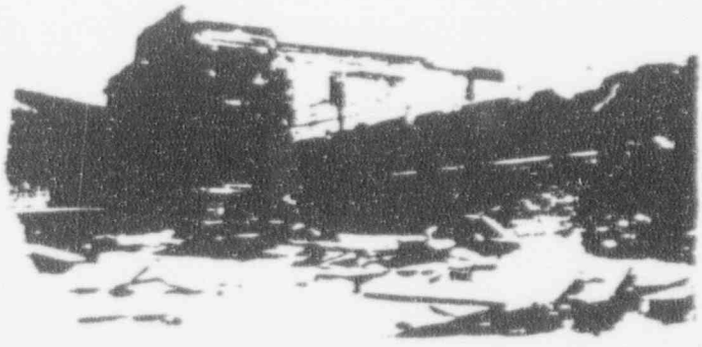
PREPARED BY	DATE	CHECKED BY	DATE	RECORDS	BY	DATE
FF[illegible]	12/6/74			APPROVED FOR NAME		
APPROVED BY	DATE	APPROVED BY	DATE	TRANSMISSION RECORDS		

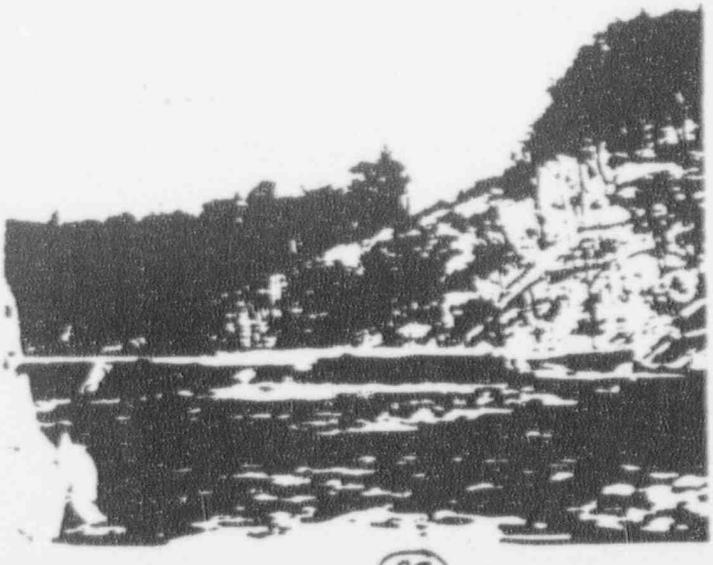
(25)

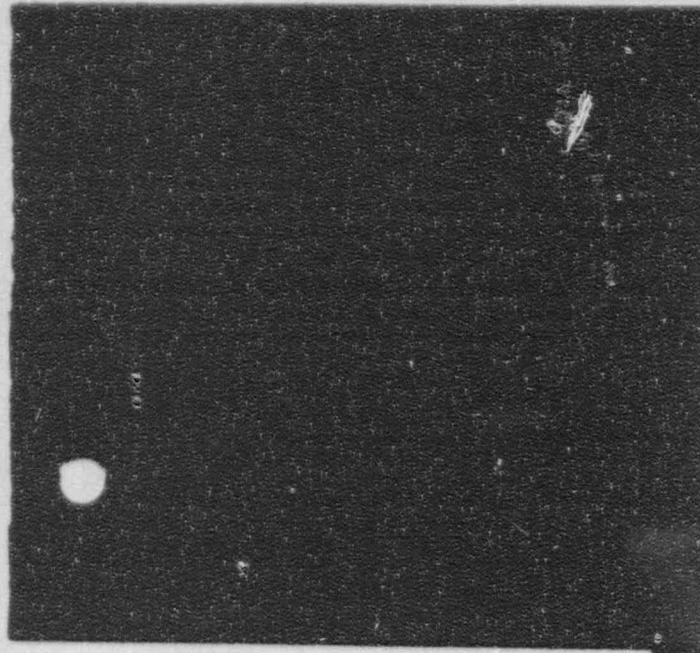
EXHIBIT 3

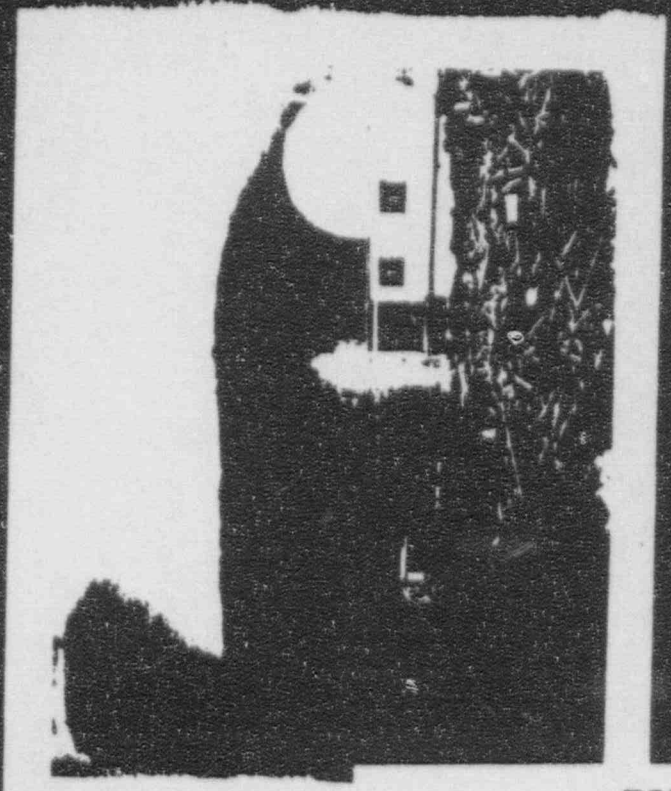
SAXTON GENERATING STATION
W. O. 311.3
PLANT AND DAM DEMOLITION

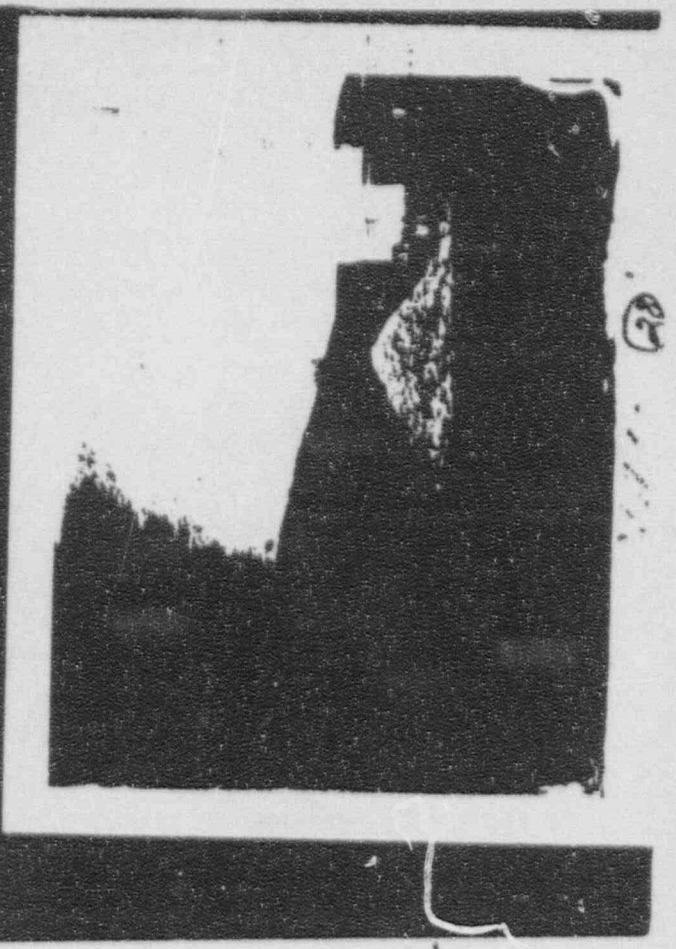












SAXTON DAM

ROUTING MEMO

DATE 5/10/76

TO	LOCATION	TIME	
~~R.W. Conrad~~	MO-3		APPROVE
			RETURN
~~G.K. Imhoff Jr.~~	MO-2	X	PASS ON
			COMMENT
~~T.P. Imhoff~~	MO-2		SEE ME
~~T.P. Kinkaid~~	MO-2		FOLLOW THROUGH
REMARKS			PREPARE REPL
EVERYTHING SHOULD BE COMPLETED BY- JUNE 1, 19 76			AS YOU REQUESTED
			INFORMATION ONLY
			FILE
			CALL

EXHIBIT 4

PENNSYLVANIA ELECTRIC COMPAN

INTER-OFFICE MEMORANDUM

11/15/74

DATE July [illegible], 1974
OFFICE Johnstown

~~R. W. Goode~~
J. F. Smith

SUBJECT Saxton Station Retirement

TO ~~MR. R. S. BARTLE~~
~~MO-4~~

Can you bring me up to date on where these numbers (7) stand now.

Dennis Boyle and Tom Carroll have inquired as to the disposition of equipment and property on retirement of the Saxton Station.

1. It is the intent to circulate a station inventory to the various 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. 2. The turbines, generators, motors and other salvageable and reusable equipment 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.

4. At this time it is considered desirable to raze the main power station building to ground level and removing or burying the debris. Whether this will be done will depend on the cost of demolition and removing the debris 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.

5. The existing electrical substation will stay on the property as will the brick garage building and the storeroom building. It is expected that the Operating District Service Department will use these buildings as they are now using a quonset hut building which was erected during the installation of the nuclear reactor.

6. All of the property of the Saxton Station site is to be retained as a future generating station site for at least 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
7. 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.

75M 673

(30)

MS-11 REV. 67

At the present time the schedule is to formally retire the station on or about December 31, 1974. Work Order charges related to the retirement of the station will continue until late in 1975.

R. W. CONRAD

mak

cc: L. L. Borsa
D. L. Boyle
T. L. Carroll, Jr.
C. L. Imhoff, Jr.
W. H. Jenkins
E. J. Miller
J. F. Smith ✓
T. P. Wolff

R. T. E. STRITTMATTER
FF

PENNSYLVANIA ELECTRIC COMPANY

INTER-OFFICE MEMORANDUM

PROJECT ENGR. DEPT. R.O 77-47 43	
Name	Date
	11/27
FF	11/21/74

DATE November 20, 1974
OFFICE Johnstown

SUBJECT Saxton Station Retirement

TO MR. J. F. SMITH
MO-4

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 Edison 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.

3. 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

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 new 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 asked 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 then have the status of purchase from the Borough, and this equipment will be salvaged or transferred to one of the other Penelec 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. CONRAD

CRW
Attachment

bcc: L. V. Baldwin
L. L. Borsa
D. L. Boyle
T. L. Carroll
C. L. Imhoff
W. H. Jenkins
C. H. McCullough
E. J. Miller
J. A. Poole
F. I. Rodkey
G6
T. E. Strittmatter/ FF
T. P. Wolff
F. W. Womer

EXHIBIT 5

Name of Respondent	This Report is: (1) ☐ An Original (2) ☐ A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report
			Dec 31, 19

CORPORATIONS CONTROLLED BY RESPONDENT

1. 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.

2. 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.

3. 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 Report 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

1. See the Uniform System of Accounts for a definition of control.

2. Direct control is that which is exercised without interposition of an intermediary.

3. Indirect control is that which is exercised by the interposition of an intermediary 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)
Ninevah Water Company	Water Service	100	(A)
(A) Transmission and distribution mains were sold effective 12-31-87 to Central Pennsylvania Water Supply Company. Approval was received from the Pennsylvania Public Utility Commission by Order dated 11-12-87, Docket No. A-211290.			
The Waverly Electric Light and Power Co.	Electric Distribution	100	(B)
(B) Conducts no operations but leases all its electric distribution system in New York State to Respondent.			

Saxton Nuclear Experimental Corporation (SNEC)

By agreement dated June 8, 1959, as amended, the respondent together with its affiliates, Jersey Central Power & Light Company and Metropolitan Edison Company, formed SNEC as an instrumentality through which a nuclear reactor research and experimental program could be conducted. SNEC installed a 5,000 KW pressurized water-type nuclear reactor which started operation in November, 1963. From time to time the personnel of the respondent and each affiliate had a direct participation in the operation and maintenance of the reactor. The steam from the reactor was utilized by the Saxton Generating Station of Pennsylvania Electric Company.

SNEC's research and experimental program being conducted in the Saxton reactor was terminated on May 1, 1972, and the reactor was partially decommissioned in accordance with a plan approved by the Atomic Energy Commission (AEC), the predecessor of the Nuclear Regulatory Commission (NRC). The plan was amended by the AEC, effective January 10, 1974, extending the expiration date of the license to February 11, 2000 or to the expiration of the corporate Charter of SNEC, whichever occurs first, to enable SNEC to furnish the necessary surveillance and maintenance for the decommissioned reactor. Such Charter, which would have expired on May 4, 1974, was amended on April 2, 1974, by a filing with the Commonwealth of Pennsylvania to extend its corporate existence in perpetuity.

Control of SNEC is through ownership of common stock as follows:

Jersey Central Power & Light Company	44%
Pennsylvania Electric Company	24%
Metropolitan Edison Company	32%

EXHIBIT 6

Saxton, Pa.
June 25, 1973

TO: R. C. Barton

FROM: R. F. Swift

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. L&N Potentiometer, S/N 1599670
2. Decade Boxes, S/N 356 & 374
3. Hand Megger, Biddle

R. F. Swift
Nuclear Plant Superintendent

cc: C. R. Montgomery
R. E. Werts

Saxton, Pa.
July 17, 1973

TO: Messrs. [illegible]

FROM: R. F. Swift

SUBJECT: Transfer of Equipment

The following items were transferred to Pennsylvania Electric Company, Shawville Station, on 6/23/73.

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' end
One stainless counter top, L shaped, about 4' x 12' with sink in middle o
12' side

R. F. Swift
Nuclear Plant Superintendent

(39)

Saxton, Pa.
July 17, 1973

TO: Messrs. R. C. Bartle
R. E. Werts
C. R. Montgomery

FROM: R. F. Swift

SUBJECT: Transfer of Equipment

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

R. F. Swift
Nuclear Plant Superintendent

Saxton, Pa.
July 17, 1973

To: Messrs. R. C. Bartle
R. E. Gert:
J. R. Montg...

FROM: R. F. Swift

SUBJECT: Transfer of Equipment

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

L&N Millivolt Potentiometer

R. F. Swift
Nuclear Plant Superintendent

(40)

Saxton, Pa.
July 17, 1973

TO: Messrs. [illegible]
R. E. Curtis
C. R. Montgomery

FROM: R. F. Swift

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.

R. F. Swift
Nuclear Plant Superintendent

480 Volt Control Centers

MASTER

Manufacturer - Westinghouse Electric Corporation
Service - Pressurizer Heater Control Center
Type ALDA-81705-11-PHX [illegible]
480 Volt, 30, 60 Hz, Indoor, metal enclosed
Equipment attached consists of the following:

3 - Magnetic Starters, Westinghouse Size 3 with 480/120 volt control power transformers and auxiliary contacts.

3 - Circuit Breakers, Westinghouse AB De-ion Type HF, 100 amp frame size, Quan. 3 - 70 amp 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 trip.

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 480/120 volt 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 frame size, Quan. 2 - 5 amp trip; Quan. 1 - 30 amp trip; Quan. 5 - 50 amp trip; Quan. 1 - 70 amp trip; Quan. 3 - 100 amp trip.

480 Volt Control Centers (Cont'd)

Manufacturer - Westinghouse Electric Corporation
Service - R/DF Motor Control Center
Type ALDA 81706-13-FMX, Feb., 1961
480 volt, 3Ø, 60 Hz, Indoor, metal enclosed.
Equipment attached consists of the following:

8 Magnetic Starters, Westinghouse size 2 with 480/120 volt control power transformers and auxiliary contacts.

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

480 Volt Metal Enclosed Switchgear

(These 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, 3Ø, 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.

Instruction Bulletin - I.B. 32-100-1A and Supplement No. 11.B 32-100-1A.

Saxton, Pa.
July 17, 1973

TO: R. C. Bartle

FROM: R. F. Swift

SUBJECT: Transfer of SNEC Equipment to Penelec

Two chemical laboratory fume hoods were transferred to Conemaugh Station per Lee Baldwin's request.

R. F. Swift
Nuclear Plant Superintendent

cc: C. R. Montgomery
R. E. Werts

(445)

Saxton, Pa.
July 17, 1973

TO: Messrs. R. C. Bartle
R. E. Werts
C. R. Montgomery

FROM: R. F. Swift

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 Transformer WH.
- 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 Hz, S/N 22N7479

R. F. Swift
Nuclear Plant Superintendent

(46)

PENNSYLVANIA ELECTRIC COMPANY

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

October 2, 1972

Pennsylvania Electric Company
SMEC
Saxton, 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 intercom
2. (West.) 15 KVA Trans. 3ø, 60 Hz, H.V. 480, L.V. 208/120
3. 4 - 0-600 VAC Voltmeters, Type KA-2kl, F.S. 150 Volts

F. P. Solomon

F. P. SOLOMON

FPS:sc

Not transferred yet

TO: R. C. Bartle
R. F. Wentz
[illegible]

FROM: R. F. Swift

SUBJECT: Transfer of Equipment

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

1 - Aurora Pump, Boric Acid Booster Pump, 55 gpm at 50 ft. head, 3500 rpm, S/N 71-40755 — 1971

1 - (W) Life Line Boric Acid Pump, 30 gpm at 60 ft. head, 3500 rpm, 2 H.P., Model [illegible] — 1961

R. F. Swift
Nuclear Plant Superintendent

PENNSYLVANIA ELECTRIC COMPANY

INTER-OFFICE MEMORANDUM

SUBJECT Property Transfer. DATE July 31, 1973

TO Denis L. Boyle
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 Penelec.

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

DEEP CREEK STATION

1 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. 474B860G39.

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.

1 Air Dryer - Pall Trinity Micro Corp., Cortland, N.Y., Trinity H.A. Dryer, Model No. 51HA1, Serial No. 20979.

WILLIAMSBURG STATION

1 Worthington Air Compressor - Mfd. by Worthington Corp., Holyoke, Mass., Serial No. BA-045T, Model No. 20 x T-2, driven by Westingnouse Life Line Motor, Model ABDP, Serial No. 474B850G09-6502.

GG

Station Superintendent

EXHIBIT 7

SAXTON NUCLEAR EXPERIMENTAL CORPORATION
GENERAL PUBLIC UTILITIES SYSTEM
JERSEY CENTRAL POWER & LIGHT COMPANY
NEW JERSEY POWER & LIGHT COMPANY
PENNSYLVANIA ELECTRIC COMPANY
METROPOLITAN EDISON COMPANY

P. O. Box 542, Reading, Pa. 19603
Telephone: Area 215 - 929-3601

Cherry Hill Rd., Parsippany, N.J. 07860
201-334-7888

TO: Mr. R. C. Bartle

FROM: Mr. C. R. Montgomery

DATE: December 18, 1974

FILE: SNEC-35

SUBJECT: Assignment of SNEC-Owned Property to the Borough 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 1 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 84 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. R. F. Swift 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. Montgomery
C.R.M.

CRM:bav
Enclosures

Copy to Mr. C. L. Imhoff

(51)

ASSIGNMENT

ASSIGNMENT, dated this 3 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

WHEREAS, 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") owned 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 shall make no claim against the 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 SNEC 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

By C. R. Montgomery, President

BOROUGH OF SAXTON

By George Moyle
President of the Borough Council

Schedule of Tangible Personal Property and Equipment Assigned to Borough of Saxton

1. 2 - Worthington steam driven boiler feed pumps and associated controls
2. 1 - Water demineralizer system
   1 - Saline conditioning pump and tank
3. 1 - Oxygen scavenging pump and tank
4. 1 - Neutralizing alkalai pump and tank
5. 1 - De-superheater tank
6. 1 - Deaerator, 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
10. 1 - 750 KVA, 2300/480 volt, oil insulated, air-cooled transformer with 480 volt breakers, Westinghouse - Intertaan Power Center
11. 1 lot - Miscellaneous piping, valves, controls, and instrumentation identified by appropriate markings
12. 1 - 1,000 KVA, 13,800/480 volt, oil insulated, air-cooled transformer
13. 36 - Steel lockers and benches, Allen Wood Steel Company
14. 1 - Inverter-Diverter set and motor-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
18. 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

22. 1 - Steam pressure gage,
23. 1 - Feedwater pressure gage,
24. 1 - Instrument air pressure gage on Panel C in control room

25. 1 - MWe meter on Panel D in control room

26. 1 lot - Assorted Foxboro proportional, on-off, and alarm controllers on and behind Panels C, E, and F in control room

27. 1 - Caustic pump and motor Master Gearmotor, 115/230 volt, 1/2 hp.

28. 1 - 1 HP, 440 volt, Westinghouse motor

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, Marlam

34. 1 - RIC-2 cabinet and components

35. 1 - Totalizing flow meter

36. 1 lot - Strip chart recorders and miscellaneous instrumentation

37. 2 - 2-drawer, 2-door cabinets

38. 2 - 8-drawer cabinets

39. 2 - 4-drawer cabinets

40. 2 - Sink base units

41. 1 - 1-drawer, 1-door cabinet

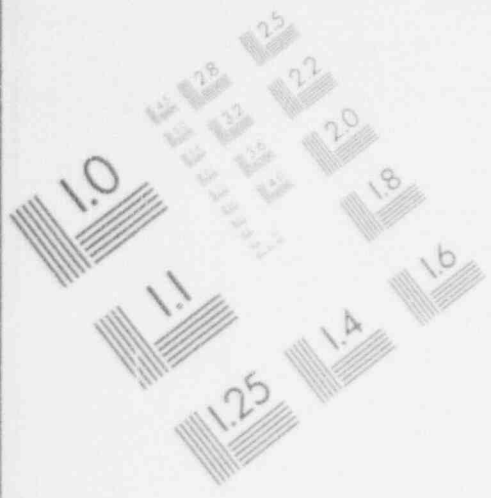
42. 3 - Stainless steel counter tops

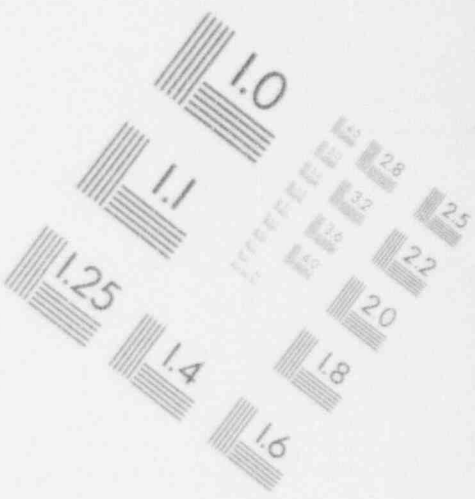
43. 1 - Mettler balance and table

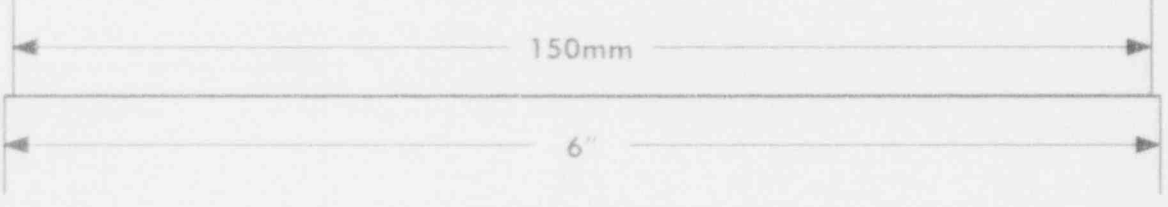
44. 1 - Reagent cabinet

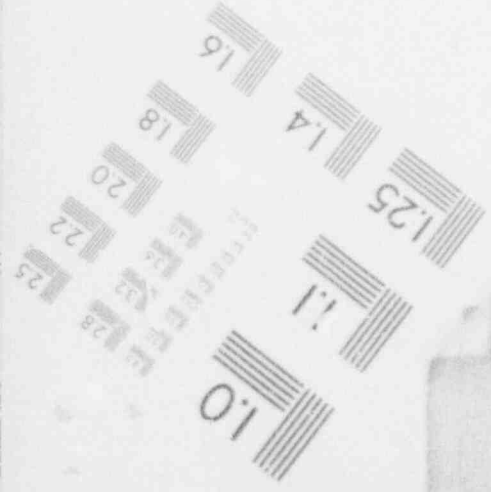
1

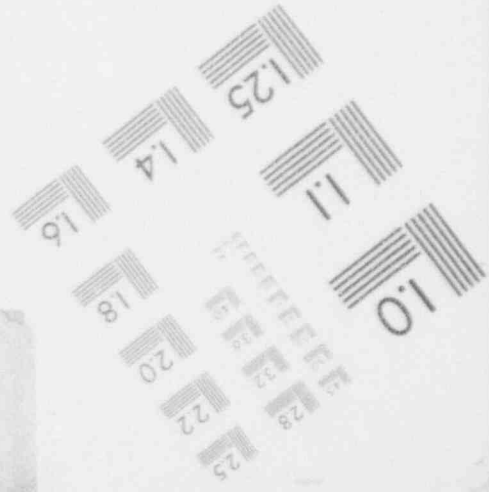
IMAGE EVALUATION TEST TARGET (MT-3)

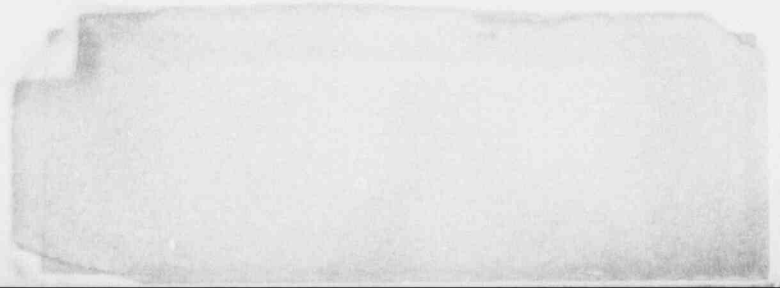


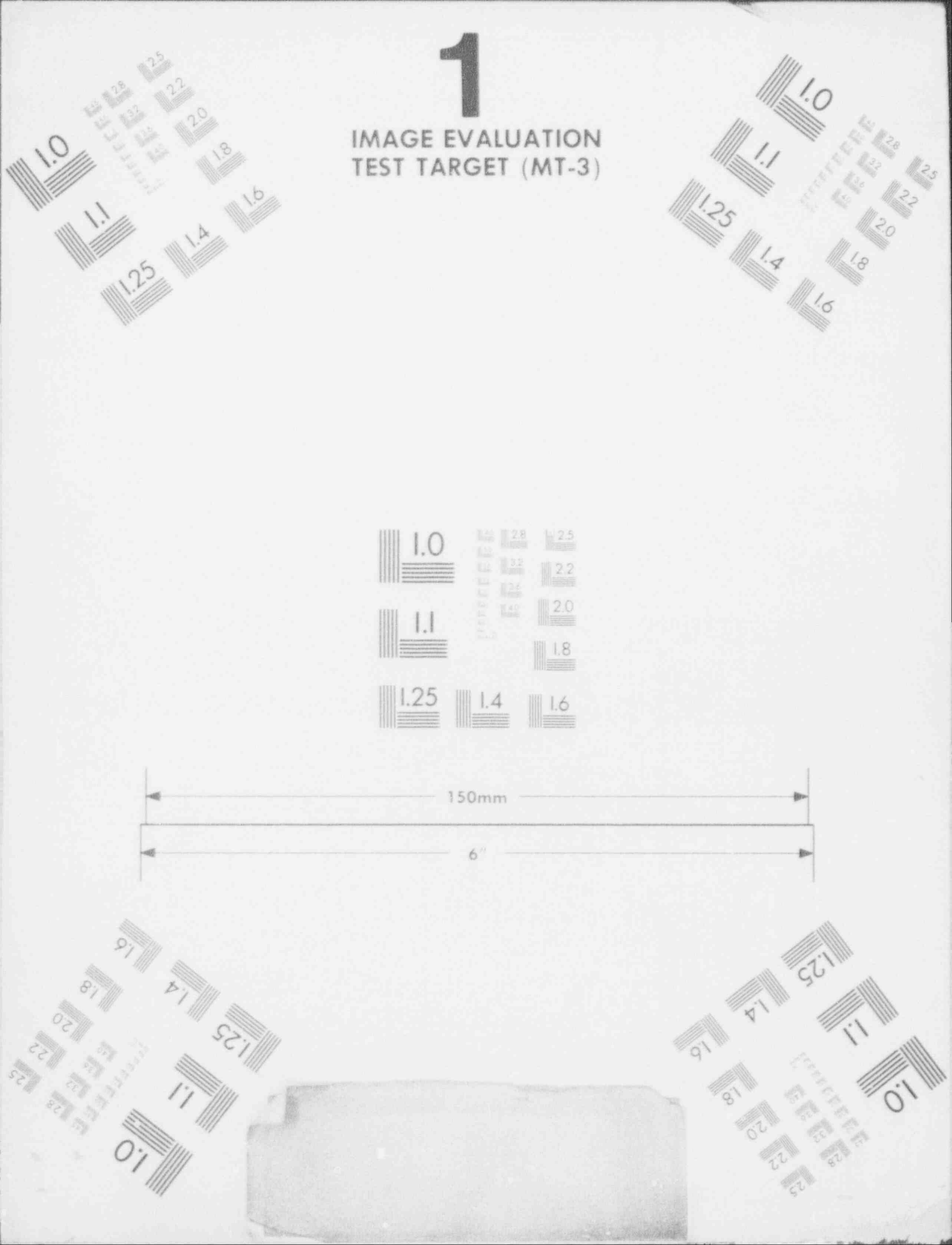






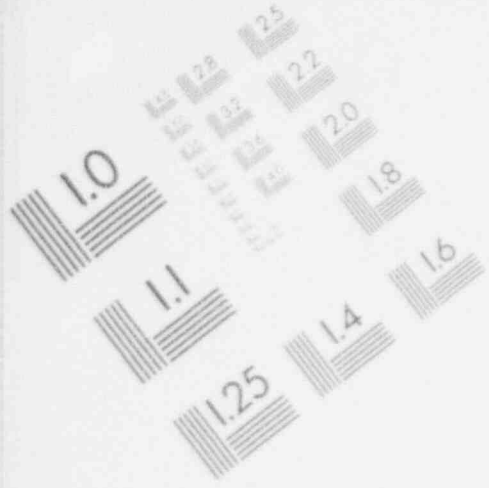


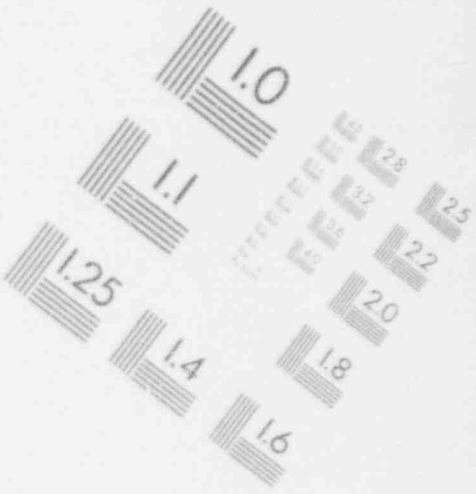


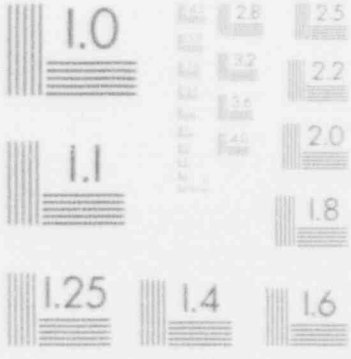

1
IMAGE EVALUATION
TEST TARGET (MT-3)
1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
150mm
6"

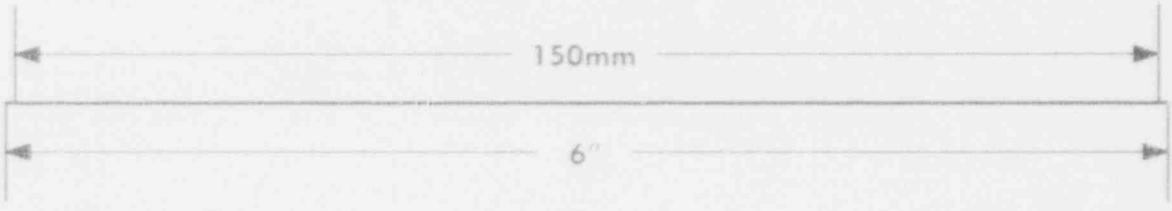
1

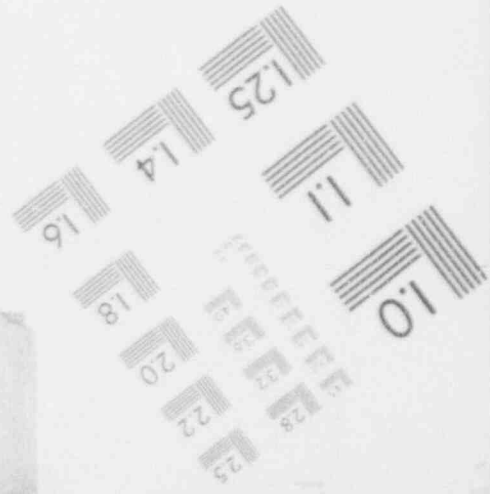
IMAGE EVALUATION TEST TARGET (MT-3)

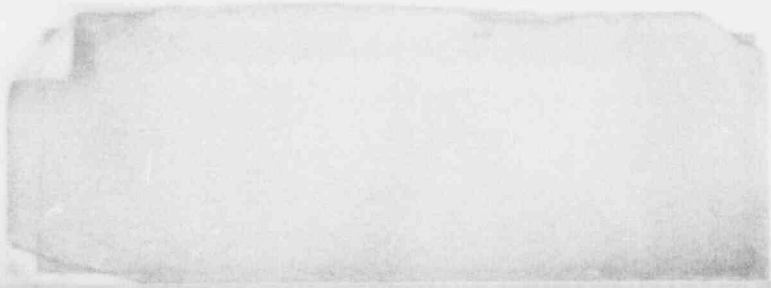






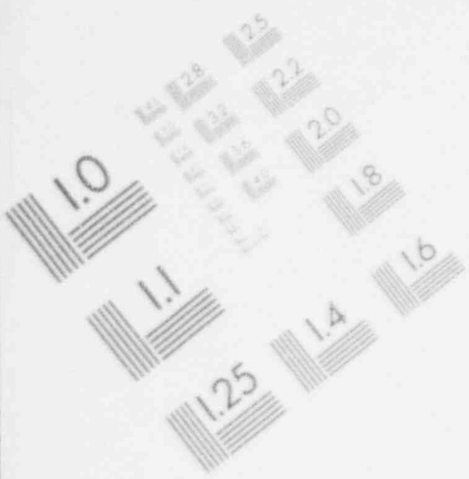


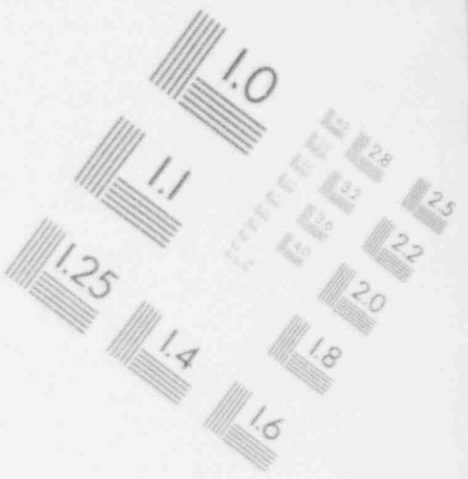


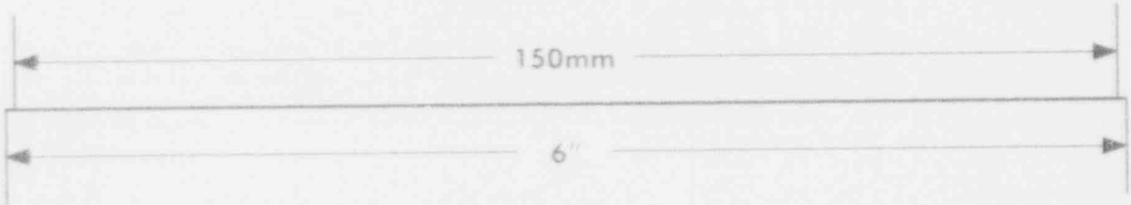


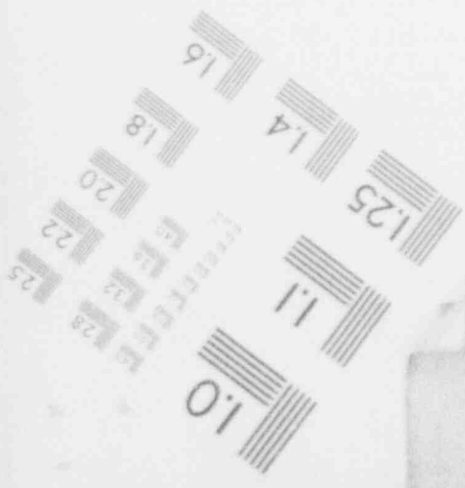
1

IMAGE EVALUATION TEST TARGET (MT-3)









45. 1 - Aurora pump, Serial 071-40755

46. 1 - Lifeline pump, Model ADDP

47. 7 - 30 amp, 2-pole breakers

48. 2 - 50 amp, 2-pole breakers

49. 3 - 70 amp, 2-pole breakers

50. 3 - 150 amp, 2-pole breakers

51. 1 - 300 amp, 2-pole breaker

52. 1 - 112.5 KVA transformer

53. 1 - Size 4, starter cabinet with 40 amp breaker

54. 1 - Motor, 5 HP, Serial 021N8685

55. 1 - Motor, 10 HP, Serial 021N8074

56. 1 - Motor, 40 HP, Serial 022N7479

57. 2 - Chemical laboratory fume hoods

58. 1 - Edison Omniguard temperature monitor system, 12 channels

59. 1 - Millivolt potentiometer, L & N -

60. 1 - Capacitance decade box, Model DK5A

61. 1 - 0-300 volts, AC, voltmeter

62. 1 - 0-1,000 millivolt meter

63. 1 - Resistance Bridge, L & N, Model 4252

64. 1 - Megohm Bridge, Type 544B, General Radio Company

65. 1 - Millivolt Potentiometer, L & N

66. 1 - Biddle Megger

67. 2 - Decade boxes, General Radio Company

68. 1 - Flowmeter, Dwyer

69. 1 - Recorder, Varian

70. 1 - Millipore filter apparatus

71. 1 - Radiator, Fisher

72. 1 - Conductivity Bridge, L & N 780.2/350

73. 2 - Dessicators

74. 1 - Drying oven

75. 3 - Magnetic starters, Westinghouse, Size 3 100 =

76. 3 - Circuit breakers, Westinghouse, AB De-Ion, Type H7, 100 Amp 155 =

77. 11 - Magnetic starters, Westinghouse, Size 2 62 =

78. 21 - Circuit breakers, Westinghouse, AB De-Ion, Type 7, 100 Amp 111 =

79. 14 - Magnetic starters, Westinghouse, Size 2 62 =

80. 20 - Circuit breakers, Westinghouse, AB De-Ion, Type 7, 100 Amp 111 =

81. 8 - Magnetic starters, Westinghouse, Size 2 62 =

82. 12 - Circuit breakers, Westinghouse, AB De-Ion, Type 7, 100 Amp 111 =

83. 16 - Circuit breakers, Westinghouse, Type DB-25, Air, Size 600 790 =

84. 3 - Circuit breakers, Westinghouse, Type DB-50, Air, Size 1600 1930 =

EXHIBIT 8

PENNSYLVANIA ELECTRIC COMPANY

INTER-OFFICE MEMORANDUM

DATE May 22, 1975
OFFICE Johnstown

SUBJECT Sale of SNEC Equipment

TO MR. R. C. BARTLE
MO-4

Sarton 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 Penelec namely:

1. Lockers
2. Miscellaneous instrumentation (recording meters, flow meters, volt 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 Cam Imhoff.

May I have your permission to proceed.

T. L. CARROLL, JR.
Manager-CPR & Special Projects

TLC:mmy

OK
D

(40)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

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 ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A E Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

DATE/TIME PREPARED: 1-11-89 4:00 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 1

MS-BS 1284

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 12, 1989, Dr. Greco contacted me and advised that all walk-through and water tests, that were conducted at the Williamsburg Station, resulted with no above normal readings. Documentation of the water tests will be forthcoming to me once Dr. Greco receives the results.

On January 13, 1989, the following investigation was conducted.

At 9:30 a.m., Mr. Knubel contacted me and stated that he will be meeting with and interviewing Clayton Montgomery, who was the president of SNEC at the time when this incident is alleged to have occurred. Mr. Knubel indicated that he will forward the written documentation of the interview. Mr. Knubel also stated that he will be recontacting Mr. Weadock, of the NRC, on Monday (January 16, 1989), and will notify him of the results of the interview with Mr. AA and a walk-through and water tests conducted on the ash site at Williamsburg.

Mr. CC was contacted at 10:00 a.m., by telephone, and advised that he spoke with GG in person following his initial discussion with Mr. BB. Mr. CC stated that Mr. GG stated that there was no waste material from the SNEC or Saxton stations buried at the Williamsburg ash site at any time. Mr. CC indicated that Mr. GG was with Mr. AA for an approximate six-week period, prior to Mr. GG retirement, for the purpose of training Mr. AA as Station Superintendent. Mr. GG never recalled a discussion that he had with Mr. AA about waste material from Saxton being buried at Williamsburg. (This interview concluded at 10:15 a.m.)

At 10:20 a.m., I recontacted Mr. BB via telephone, at 10:20 a.m. Mr. BB was questioned pertaining to his statement, which he gave on January 6, 1989, in my office. In that statement, Mr. BB indicated that when he discussed the newspaper article with Mr. AA, Mr. AA stated that he (Mr. AA) fought with GG to get the burying of material from SNEC stopped. This statement conflicts with the statement given by Mr.

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura AE Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

DATE/TIME PREPARED: 1-13-89 3:20 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 2

MS-88-1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

INCIDENT NUMBER
89-WM-2

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. GG advised that he will attempt to contact Mr. HH and Mr. II who Mr. AA recommended to be interviewed during his interview, and also have them present at the office for the purpose of an interview.

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

4 REVIEWED BY (INTERNAL AFFAIRS)

5 PAGE 2 OF 2

MS 86 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT (JOHNSTOWN) CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT: NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 16, 1989, the following investigation was conducted.

telephone number PP was contacted at the Williamsburg Station. Mr. PP, who was contracted by Penelec to haul ash from the Williamsburg Station to the ash site, was interviewed at 10:00 a.m. and stated, "I hauled ashes at the Williamsburg Generating Station from April 15, 1942 to November 30, 1978. I was paid for eight hours a day, for six days a week, and I worked for nothing on the seventh day. I only took two weeks vacation in that time, but the last twenty years I worked here I took no vacation or sick days. I was personally contracted to haul ash from the station to the old ash site. I used to bury garbage in the ash on the site years and years ago. We burned it first and then covered it. That was over twenty years ago. I buried asbestos in the ash site over thirty years ago. It was dumped and covered. I don't know of anything else ever being buried in the ash pile, other than an empty gas tank and some brush. The last ten years, at least, that I was working in here, nothing other than ash was put in the ash. That was because the laws are tougher. No one else hauled ash here but me during the time I was contracted by Penelec. I don't remember any types of barrels that were buried in the ash, other than black barrels from the Water Department. They were extremely thin and any weight would crush them. We always cleaned them out well before burying them. I never remembered burying anything like concrete or any other construction type materials. When AA was here, he never mentioned a thing about being concerned about anything buried in the ash at all. I don't know of a contractor, or Penelec, hauling into the ash site or any kind of digging on the ash site by a contractor or Penelec. I never saw a triaxial truck or a backhoe on tracks on the ash pile." (This interview concluded at 10:30 a.m.)

Following the interview with Mr. PP, Mr. BB and Mr. CC briefly met with me. Both gentlemen indicated they do not know if Mr. AA would have made the initial statement, knowing it was untruthful, for the purpose of creating a problem for Penelec. Mr. BB stated that Mr. AA does have

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura | EMPLOYEE NO: 8059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

DATE/TIME PREPARED: 1-18-89 1:00 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 3

45-68 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

1 INCIDENT NUMBER
89-WM-2

2

a tendency to hold a grudge, but he thinks that if Mr. AA 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. However, it is important to note that Mr. AA resignation was not 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 following individuals were contacted and interviewed in the office:

GG , retired Superintendent - Saxton (65-75)/Williamsburg (69-75) Steam Generating Stations,
, telephone number

HH retired Shift Supervisor, Williamsburg Generating Station (74-78), , telephone number

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

3 PERSON PREPARING REPORT (PRINT/TYPE & SIGN)	4 REVIEWED BY (INTERNAL AFFAIRS)	5 PAGE
Andrew E. Mollura A. E. Mollura	DG	2 OF 3

MS 86 1286

DISTRIBUTION WHITE—INTERNAL AFFAIRS DEPARTMENT (JOHNSTOWN) CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(11)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

1 INCIDENT NUMBER: 89-WM-2

2

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 at Williamsburg. The individuals indicated that Cam Imhoff was a fine person to work for and would have never permitted something from SNEC to be buried at Williamsburg. Both Mr. Imhoff 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 (PRINT/TYPE & SIGN): Andrew E. Mollura A E Mollura

4 REVIEWED BY (INTERNAL AFFAIRS)

5 PAGE 3 OF 3

MS 80 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT (JOHNSTOWN) CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(21)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT ☐ LEGAL ACTION ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 17, 1989, the following investigation was conducted.

Mr. Knubel contacted me and advised that Mr. Weadock, NRC, was notified of all information gathered to date on January 16, 1989. Mr. Knubel further advised that he interviewed Clayton Montgomery, President of SNEC, at the time this alleged incident occurred. Mr. Knubel will be forwarding a copy of the interview to me. Mr. Knubel stated that records reviewed by John Auger, GPUNC - Environmental Licensing Engineer, revealed that the last radioactive waste shipment from SNEC occurred on July 20, 1973. There are no records to indicate that illegal shipments of radioactive waste occurred at any time during the existence of SNEC or that any type of SNEC material was buried at Williamsburg. All activity ceased at SNEC during the early part of 1974, with the exception of quarterly surveys at the site.

On January 19, 1989, I will proceed to Parsippany, New Jersey for the purpose of conducting a review of all information with Mr. Knubel.

Joseph Kovalchick, owner of the Kovalchick Corporation, was contacted and a meeting was established for January 18, 1989. A supplement report will be prepared containing the results of the meeting.

Attached to this report is the second "Upon-Inquiry-Only" newsrelease prepared by Paul Abram, Penelec Communications Department, pertaining to this investigation.

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura

EMPLOYEE NO: 9059

WORK LOCATION: EMC-1

WORK PHONE: 8974

DATE/TIME PREPARED: 1-18-89 1:40 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-86 1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

17

INTER-OFFICE MEMORANDUM

CONFIDENTIAL

DATE January 13, 1989

Penelec / GPU

FROM Paul Abram
TITLE Media Relations Manager
PHONE 8296

LOCATION Johnstown

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

PAUL ABRAM

8837C/pta

cc: C.A. BURKETT (with attachment)
R.W. CONRAD (with attachment)
cc (with attachment)
J.J. JOHNSON (with attachment)
M.M. O'DONOVAN (with attachment)
R.L. WISE (with attachment)

13

CONFIDENTIAL

January 13, 1989

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.

8831C

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

RACE / SEX / DOB / AGE / HEIGHT / WEIGHT / HAIR / EYES / SOCIAL SECURITY NO

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

IF PENELEC EMPLOYEE / WORK LOCATION / POSITION / EMPLOYEE NO / SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 18, 1989, the following investigation was conducted.

Joseph Kovalchick, owner of the Kovalchick Corporation, was contacted at his office in Indiana, Pennsylvania 15701, telephone number 412-349-3300, at 8:15 a.m. Mr. Kovalchick stated, "We were involved in the dismantling of Saxton (Steam Station). We removed the entire steam facility. The NRC was very concerned that we did not hurt the nuclear plant with pounding or excessive vibration. One of the walls from the steam plant was about 30 feet from the nuclear plant. We sold all of the scrap iron. The brick and steel, that we didn't sell, is buried right on the Saxton property. We left a few buildings. We used no explosives and were not allowed to collapse the building. We were never in the nuclear area and were never asked to, nor did we, haul anything out of the nuclear area. That was the last time my company was on the Saxton property. The only thing that left the steam station was what we could salvage. If it wasn't salvageable, it didn't leave. With regard to SNEC, I'm not sure that anyone was there (working). We weren't privy to anything in the SNEC Station. SNEC was all fenced in and a high security area. It was a total off-limits area." (This interview concluded at 8:55 a.m.)

Mr. Kovalchick attempted to locate his file on the Saxton Steam Station dismantling, with negative results.

At 1:45 p.m., Mr. Abram was notified of all information obtained in this investigation to date.

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

9 DATE/TIME PREPARED: 1-18-89 1:50 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MIS-80 1286

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Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 19, 1989, I proceeded to GPUNC-Parsippany and reviewed all information gathered to date with Mr. Knubel. At that time, the following attachments were presented to me:

Attachment I - (Draft copy) Summary of interview conducted on January 17, 1989, by Mr. Knubel with Clayton Montgomery,

Attachment II - Interoffice memorandum submitted to Mr. Knubel by J. Auger, dated January 17, 1989

Attachment III - Saxton Nuclear Experimental Facility Current Status and Recommendations Report (without references), dated May 8, 1981, prepared by E. F. O'Connor

Contained within Attachment I, Mr. Montgomery states that yellow barrels were used for the disposal of contaminated materials at SNEC. It should be noted that the barrels, which Mr. AA observed on the triaxial truck, were black in color. It should also be noted that the three retirees interviewed on January 16, 1989, indicated that the radioactive waste was removed from the SNEC Station in black barrels. Although this presents a discrepancy, there is no requirement, according to Mr. Knubel, to place radioactive waste material in a certain color of container. It is a requirement, however, that whatever container contains radioactive material, that it is identified with a Radiation Symbol.

Attachment II contains information which concurs with the information related to me on January 17, 1989, by Mr. Knubel relative to the shipments of radioactive waste from the SNEC site.

Attachment III contains information about the history of SNEC and plans for conducting decommissioning activities at the site.

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura AE Mollura

EMPLOYEE NO: 9059

WORK LOCATION: EMC-1

WORK PHONE: 8974

DATE/TIME PREPARED: 1-20-89 4:15 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 2

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Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

INCIDENT NUMBER
89-WM-2

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. AA contention that items from SWEC, 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 gathered and a determination made of future action.

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

4 REVIEWED BY (INTERNAL AFFAIRS)

5 PAGE 2 OF 2

MS 86 1286

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(2nd)

Nuclear

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

ATTACHMENT 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 Knubel
Nuclear Security Director

JK:nh
2060Q/12

Enclosure

CONFIDENTIAL

UNUSUAL OCCURRENCE 03-89 January 17, 1989

J. Knubel - Nuclear Security Director Horris 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 shipment of radioactive material left the site late 1973 or early 1974. The material was shipped to Mooreshead, Ky.

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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 Mr. Montgomery if he was aware of the Saxton steam site 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 Mr. 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.

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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.

CONFIDENTIAL

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 Montgomery
concurs with changes noted.

JK:nh
2060/4-5

CONFIDENTIAL

GPU Nuclear

INTER OFFICE MEMORANDI

FILE: AA WILLIAMSBURG NEW SITE - ALLEGATIONS

TO: J KNUBEL - NUCLEAR SECURITY DIRECTOR DATE: JANUARY 17, 1989

FROM: J AUBEL - ENV. LICENSING ENG. RECEIVED

SUBJECT: REVIEW OF SAXTON RECORDS JAN 17 1989

~~ATTACHMENT #~~ SECURITY DEPT

ON JANUARY 16, 1989, D. MOORE (ENV. LIC MGR.) AND I REVIEWED THE SAXTON RECORDS STORED AT THE TMI-2 BLDG. 327 VAULT. AS A RESULT OF THIS REVIEW, WE COULD NOT FIND ANY DOCUMENTATION TO SUPPORT THE ALLEGATION THAT MATERIAL FROM SNEC WAS DISPOSED OF AT THE WILLIAMSBURG SITE. AS A MATTER OF FACT, NO DOCUMENTATION COULD BE FOUND THAT WOULD INDICATE THAT THERE WERE ANY ACTIVITIES ONGOING AT THE SAXTON SITE POST EARLY 1974. THE LAST RECORDED RAD. WASTE SHIPMENT FROM SNEC THAT WE HAD RECORD OF WAS DATED JULY 20, 1973 (TO MOREY FLATS IN KENTUCKY)

CC: D. MOORE

BY: JOHN C. AUBEL
EXT. 7966 DOMESTIC

ATTACHMENT III

SAXTON NUCLEAR EXPERIMENTAL FACILITY

CURRENT STATUS & RECOMMENDATIONS

E. F. O'Connor
May 8, 1981

TABLE OF CONTENTS

		Page
I	Introduction/Purpose	1
II	Saxton Decommissioning Activities, Present Status & Configuration	2
III	NRC Guidance on Decommissioning	14
IV	Proposed Regulations Governing Decommissioning	16
V	Nuclear Reactor Decommissioning History	20
VI	Alternatives for Saxton	22
VII	Recommendations	25
VIII	References	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/PURPOSE

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 Preliminary 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 DECOMMISSIONING 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:

1. 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.
3. 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 of 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

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

12. All radioactive 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 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.

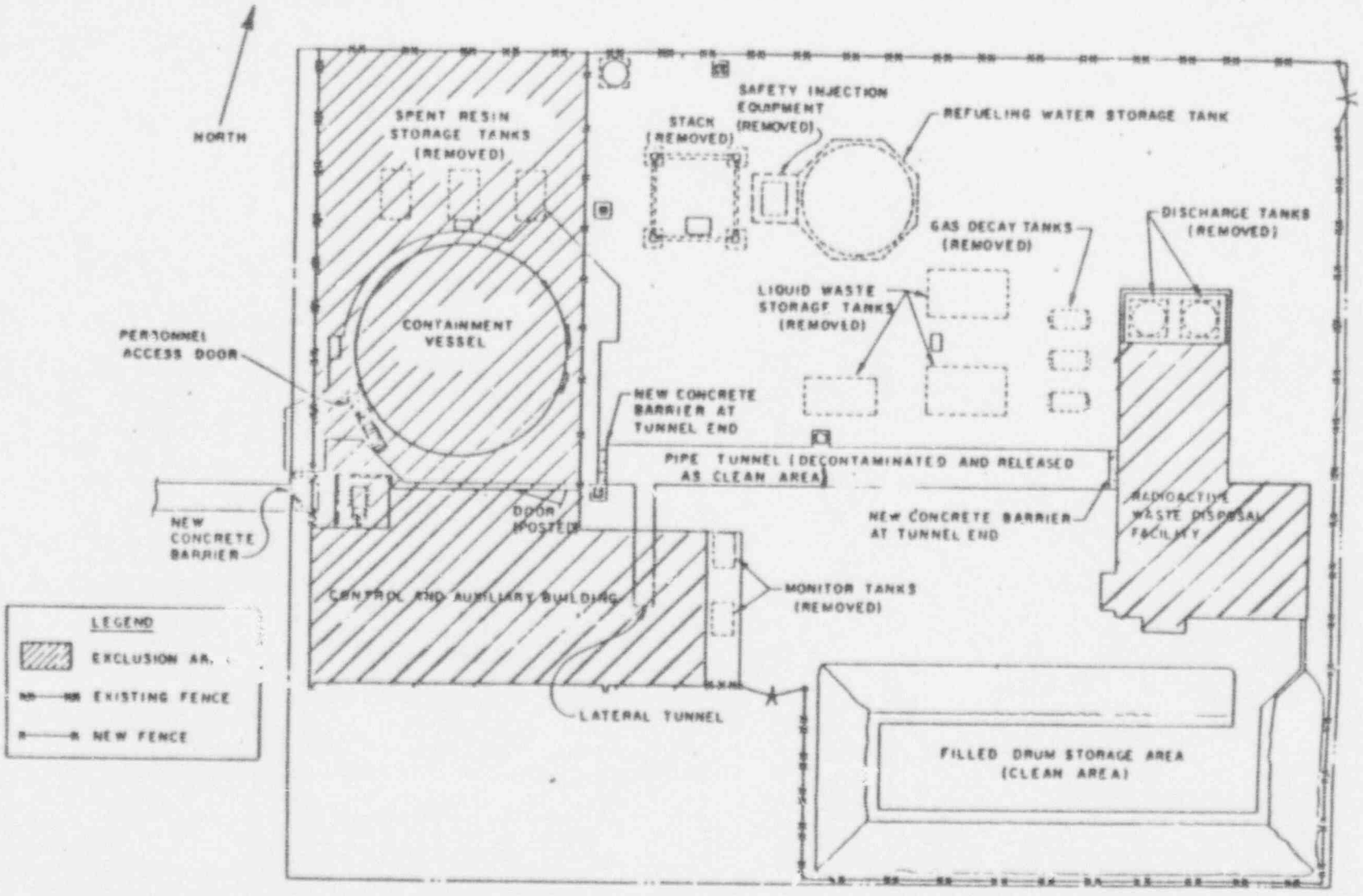

FIGURE 1
DECOMMISSIONED SAXTON NUCLEAR FACILITY LAYOUT

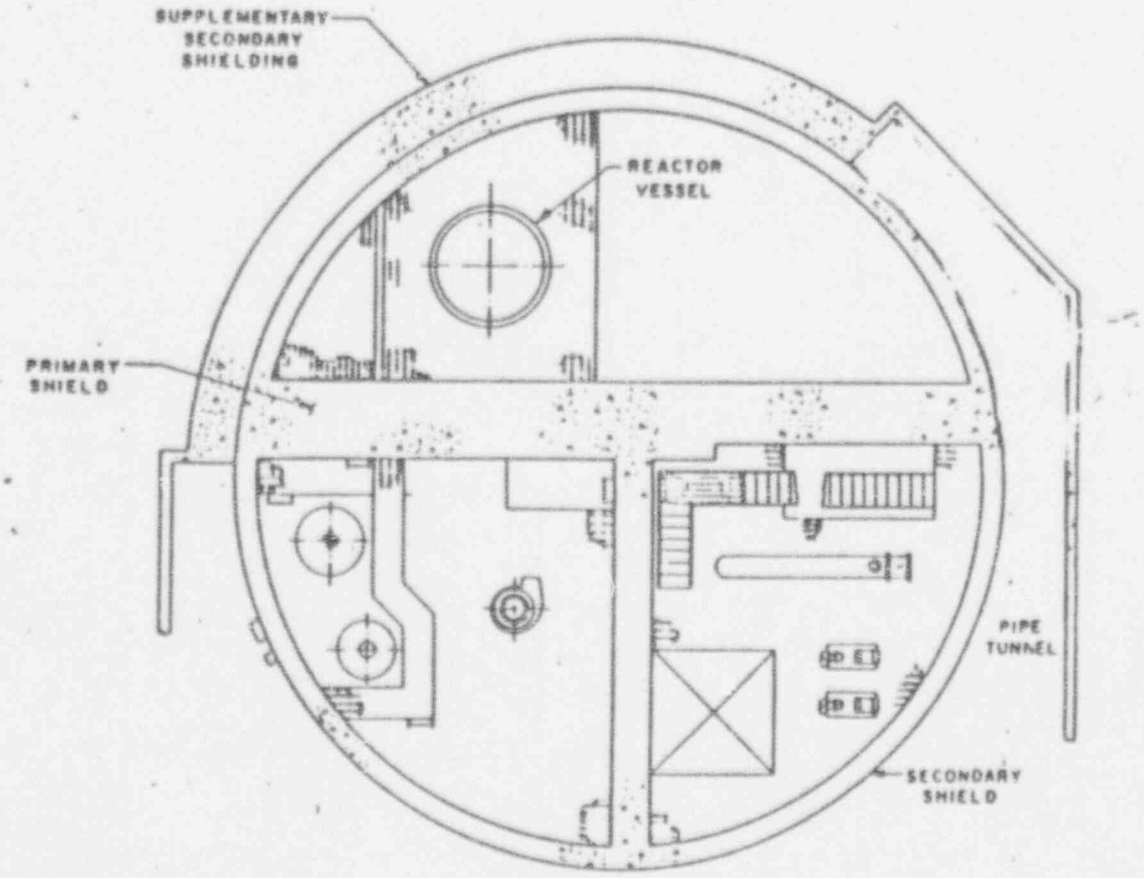

FIGURE 2

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

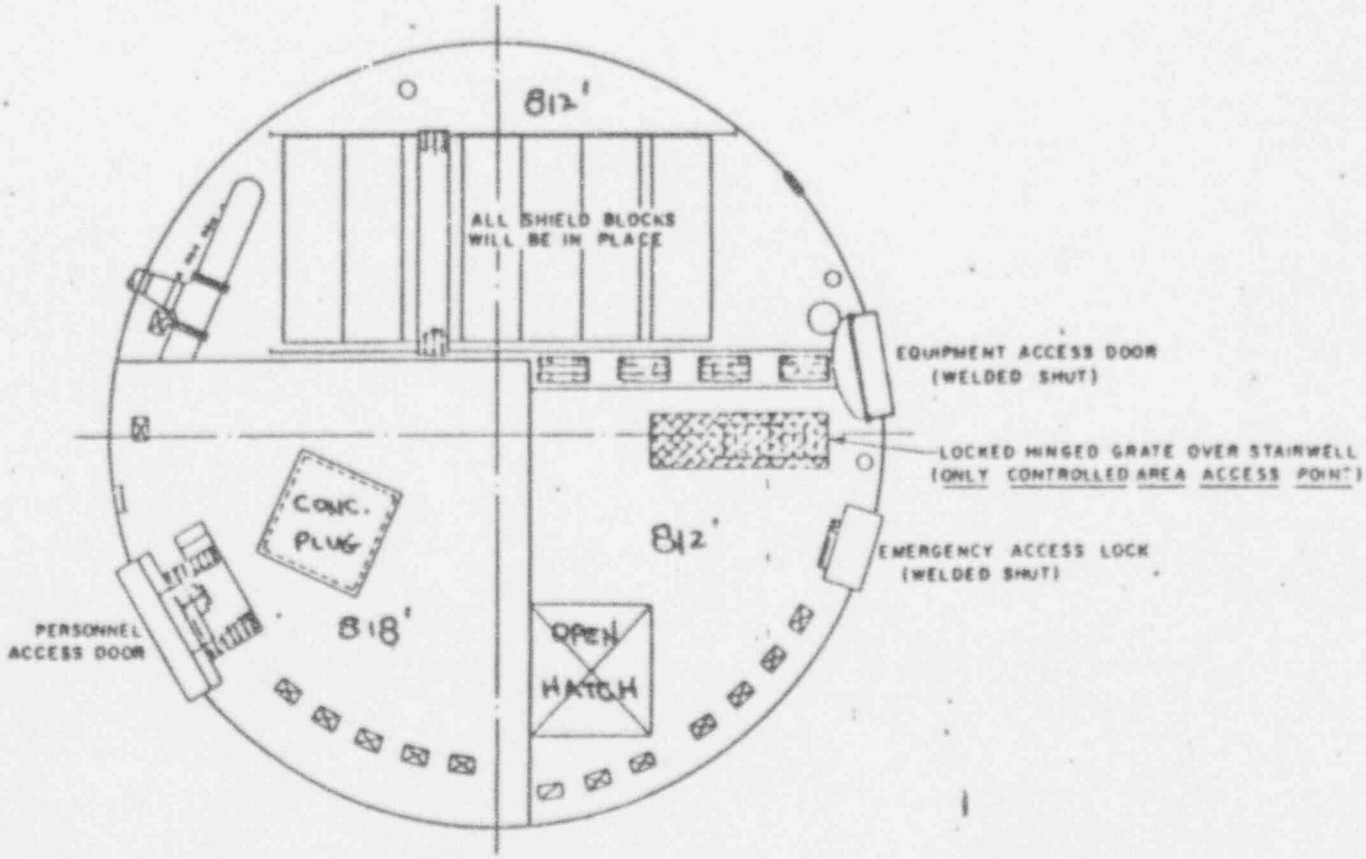

FIGURE 3

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

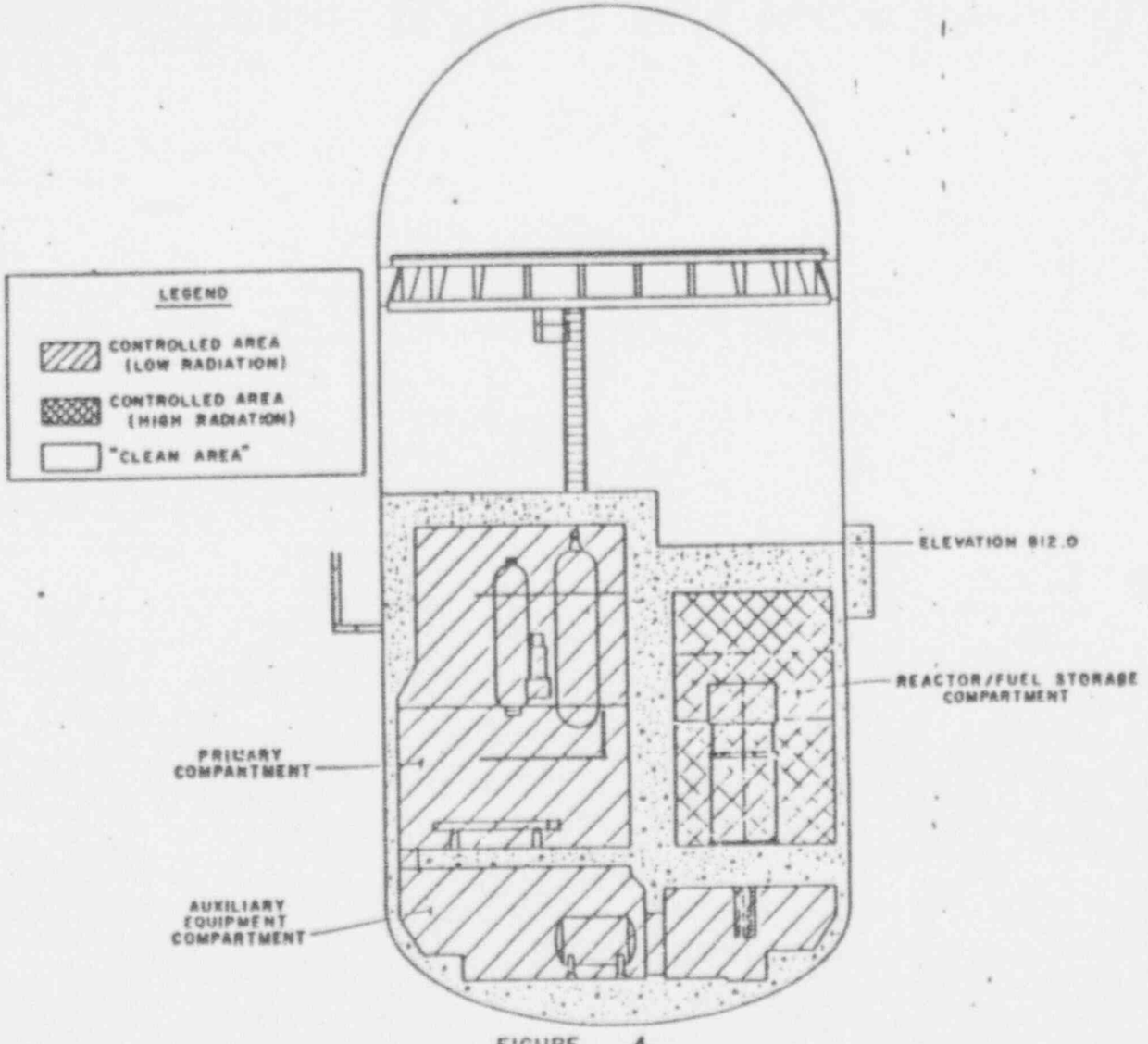

FIGURE 4

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 worthwhile 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 water level in these areas was observed to be approximately

*Available but not yet retrieved from archives.

4 feet below g ie. It estimated that there is approximately 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 3.5×10^{-7} microcuries per millileter. It should be noted that this concentration is approximately 1 to 2% 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 emptied. 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 HEPA 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 Safety Analysis Report 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 peal 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

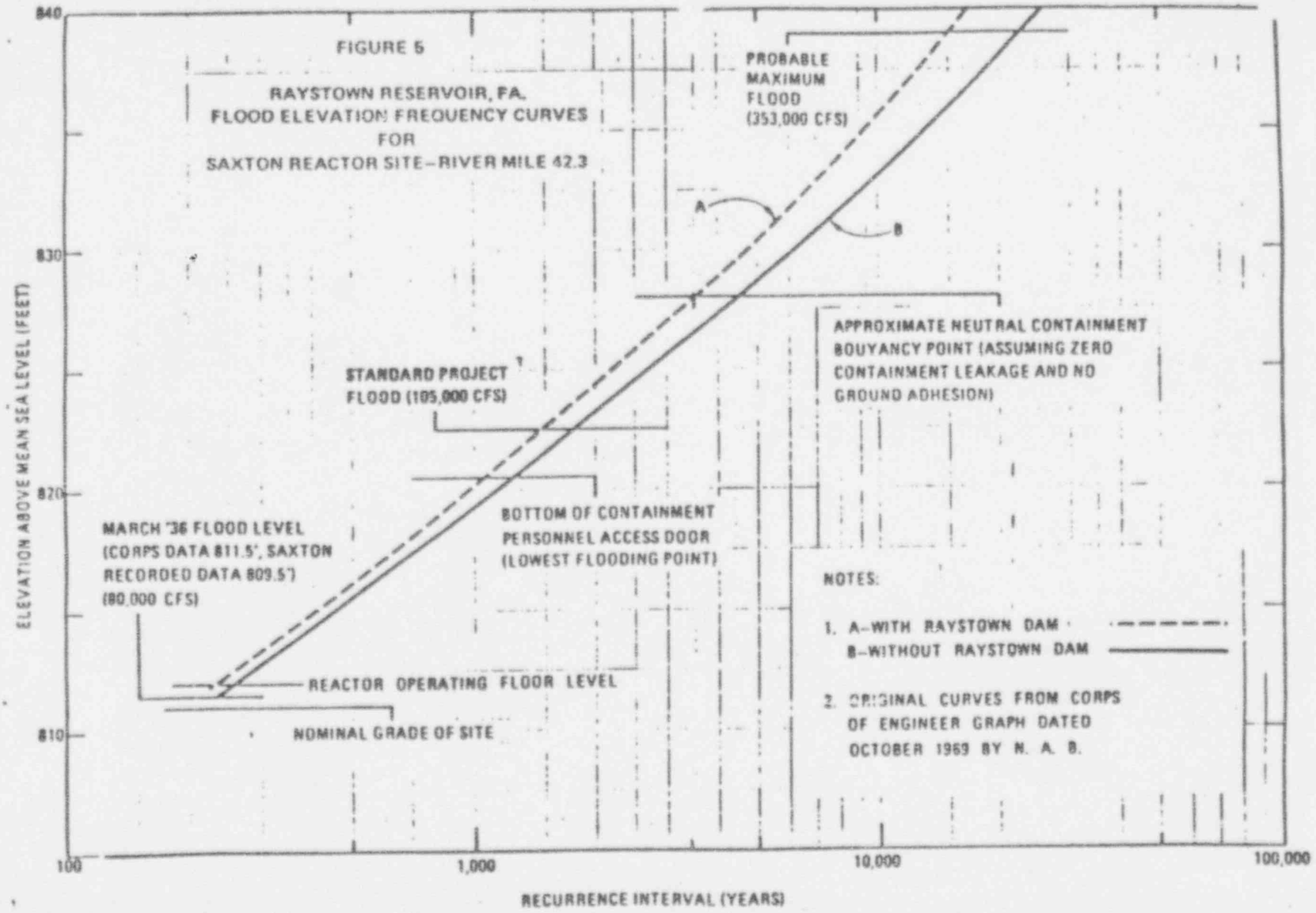
FIGURE 5
RAYSTOWN RESERVOIR, PA.
FLOOD ELEVATION FREQUENCY CURVES
FOR
SAXTON REACTOR SITE – RIVER MILE 42.3
PROBABLE MAXIMUM FLOOD (353,000 CFS)
A
B
APPROXIMATE NEUTRAL CONTAINMENT BOUYANCY POINT (ASSUMING ZERO CONTAINMENT LEAKAGE AND NO GROUND ADHESION)
STANDARD PROJECT FLOOD (105,000 CFS)
BOTTOM OF CONTAINMENT PERSONNEL ACCESS DOOR (LOWEST FLOODING POINT)
MARCH '36 FLOOD LEVEL (CORPS DATA 811.5', SAXTON RECORDED DATA 809.5') (80,000 CFS)
REACTOR OPERATING FLOOR LEVEL
NOMINAL GRADE OF SITE
NOTES:
1. A–WITH RAYSTOWN DAM
B–WITHOUT RAYSTOWN DAM
2. ORIGINAL CURVES FROM CORPS OF ENGINEER GRAPH DATED OCTOBER 1969 BY N. A. B.
ELEVATION ABOVE MEAN SEA LEVEL (FEET)
840
830
820
810
100
1,000
10,000
100,000
RECURRENCE INTERVAL (YEARS)

readings on co act. The RWDF and the control auxiliary 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.

III NRC GUIDANCE ON DECOMMISSIONING

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 published 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 may be refurbished and it may continue to operate as a nuclear plant.

It should also be noted that various combinations of the above alternatives 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 REGULATIONS 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 material 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. Timeliness - 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

exposu reduction resulting from radio ive decay would 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, independent fuel storage pools) to allow time (less than 100 years), 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 plans - Final plans must be in s[illegible] 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 controls, (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 decommissioning 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 objective 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 mininus 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.

V NUCLEAR REACTOR DECOMMISSIONING HISTORY

Past decommissionings of licensed 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 mothballed or entombed except for the Elk River Reactor (58.2 mwt) which is the largest reactor facility 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 nor are they actively pursuing that option. They still hold operating licenses and are fully staffed to meet Tech Spec commitments.

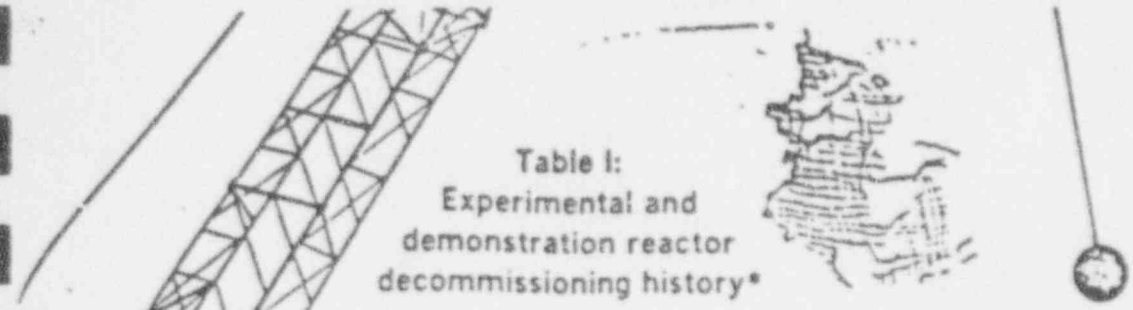

Table I: Experimental and demonstration reactor decommissioning history*

Reactor facility and location	Reactor type	Reactor thermal rating, Mw	Type of decommissioning	Status of license	Monitoring system	Protective-storage measures
CVTR Parr, SC	Pressure tube, heavy water	65	Mothballing	Byproduct per 10 CFR 30	Periodic surveillance	Welded closure, locked doors, security fence
Pathfinder Sioux Falls, SD	BWR, nuclear superheat	190	Mothballing with steam plant conversion	Byproduct to state†	Continuous security force‡	Welded closure, security fence
FERMI 1 Monroe Co, Mich	Sodium-cooled, fast	200	Mothballing	Possession only**	Continuous security force‡	Locked doors, security fence
Peach Bottom 1 York Co, Pa	Gas-cooled, graphite-moderated	115	Mothballing	Possession only	Continuous security force‡	Not yet established
VBWR Alameda Co, Calif	BWR	50	Mothballing, with steam-plant conversion	Possession only	Continuous security force‡	Locked doors, security fence
NASA Plumbrook Sandusky, Ohio	Light water	0.1	Mothballing	Possession only	Continuous security force‡	Locked doors, security fence
GE EVESR Alameda Co, Calif	BWR, with nuclear superheat	17	Mothballing	Possession only	Continuous security force‡	Locked doors, security fence
Saxton, Pa	PWR	23.5	Mothballing	Possession only	Intrusion alarms	Welded closure, locked doors security fence
SELFOR Strickler, Ark	Sodium-cooled, fast	20	Mothballing	Byproduct to state	Intrusion alarms	Welded closure, locked doors, security fence
Westinghouse Test Reactor Waltz Mill, Pa	Tank	60	Mothballed	Possession only	Continuous security force‡	Locked doors, security fence
B & W Lynchburg, Va	Pool	6	Partial dismantling	Byproduct per 10 CFR 30	Not required	Not required
Hallam Hallam, Neb	Sodium-cooled, graphite-moderated	256	Entombing	Operating authorization terminated	Not required	Welded closure, concrete cover, weatherproofed
Piqua Piqua, Ohio	Organic cooled and moderated	45.5	Entombing	Operating authorization terminated	Not required	Welded closure, concrete cover, waterproofed
BONUS Ricen, Puerto Rico	BWR, with nuclear superheat	50	Entombing	Operating authorization terminated	Not required	Welded closure, concrete cover, locked doors, security fence
Elk River Elk River, Minn	BWR	58.2	Dismantling & partial conversion	Operating authorization terminated	Not required	Not required

*Reference: "Decommissioning and Decontamination of Licensed Reactor Facilities and Demonstration Nuclear Power Plants," by P.B. Erickson and G. Lear, NRC, presented at conference on Decontamination and Decommissioning in Idaho Falls, Idaho, August 19-21, 1975.

†A byproduct license may be issued by agreement state per 10 CFR 150.

‡The use of a continuous security force was not required by the NRC because continuous manned security was provided for other on-site activities that were unrelated to the decommissioned reactor. If such a security force was not present, NRC may have required manned security or other additional access-control measures.

**A possession-only license permits possession of a reactor facility but not its operation.

Note: This listing represents a tabulation of 15 of the more than 65 reactors in the US that have been either mothballed, entombed, or dismantled to date.

ELECTRIC WORLD
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(10)

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.

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 1981. 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.

(Cont)

b) Saxton no staff and there are very f people remaining within the GPU System which have any knowledge of Saxton whatsoever. A partial restaffing for the decommissioning period would be more costly than using 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 River's and as such many of the components are most likely smaller.

b) Saxton has already been partially dismantlted.

All factors considered, the $10 million estimate is probably in the ball park and sufficient 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 th 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 PUC'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.

VII RECOMMENDATIONS

1) GPU should defer 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.

2) Augment the environmental monitoring program to assure GPU that Saxton has a minimal 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 site. 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 Decommission- and the EEI's Utility Decommissioning Group.

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* 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.

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE / SEX / DOB / AGE / HEIGHT / WEIGHT / HAIR / EYES / SOCIAL SECURITY NO

IF PENELEC EMPLOYEE — WORK LOCATION / POSITION / EMPLOYEE NO / SUPERVISOR

6 NARRATIVE—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 Mr. AA 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 ash. 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.

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

DATE/TIME PREPARED: 1-20-89 4:20 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-86 1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

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PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 23, 1989, the following investigation was conducted.

FF , Penelec COMEC Department, who was the engineer in charge of the Saxton Demolition Project between 1975 - 1976, telephone extension 8837, was contacted and stated that he was in charge of the demolition project. He further stated that absolutely no material from SNEC was permitted to be removed by the Kovalchick Salvage Company, who was awarded the contract for the Saxton Steam Station demolition. Mr. FF went on to state that no one else had permission to remove, or did, remove any material from the SNEC facility during the steam station's demolition.

Attached to this report is the 6th page of a six-page letter which Mr. AA wrote to R. L. Wise, dated July 12, 1988. The contents of the letter related to Mr. AA career, with special attention to problems he encountered during his career. The attachment reveals that Mr. AA admittedly has "had an ax to grind " since October 1985. This letter was contained within Mr. AA personnel file, which I received from the Human Resources Department on January 18, 1988. Upon further examination of the file, no other information could be found which would aid in this investigation.

Mr. Knubel contacted me and advised that he will be forwarding Mr. Montgomery's reviewed and signed statement from January 17, 1989. Upon receipt of the statement, it will be made part of this report.

Mr. AA was recontacted and a meeting was set for January 27, 1989, at Mr. AA residence at 10:00 a.m. A supplement report will be submitted relative to the results of that meeting.

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura

EMPLOYEE NO: 9059

WORK LOCATION: EMC-1

WORK PHONE: 8974

DATE/TIME PREPARED: 1-23-89 4:45 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-86 1280

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

only in the past month begged forgiveness from a power far greater than anything in this world. I have found peace with God and know that I can put the past years of turmoil behind me but I can't face the world knowing that I have failed in such a manner as I have with my career with Penelec.

Bob, I plead with you to give me one last chance. Since Oct 1985, I know I have had an ax-to-grind but now the ax is broken, as well as the holder of the ax. If you permit me to work once again for Penelec, hopefully in the Altoona area away from the memories of the past, even in a far lesser position than what I had in Johnstown, I give you my solemn promise that you will only hear good when someone speaks of AA I still have alot to offer, please give me that chance, please.

Yours truly

AA

(111)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 24, 1989, the following investigation was conducted.

Dr. Greco forwarded a memo, dated January 17, 1989, to me relative to his notifying DER of this incident. A copy of the memo is attached to this report.

A cursory examination of DD personnel file was made by me in an attempt to locate any type of information which could aid in this investigation, with negative results.

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

DATE/TIME PREPARED: 1-24-89 4:30 p.m.

10 FOLLOW-UP ACTION RECOMMENDED: ☒ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-88 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

INTER-OFFICE MEMORANDUM

PENELEC / GPU

DATE January 17, 1989

FROM J. L. Greco
TITLE Manager, Environmental Affairs
PHONE 533-8605

LOCATION MO-4
1341d

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

TO FILE

NTIAL

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:

1. A trained nuclear technician walked the entire old ash disposal site and obtained radiation readings. In no case did these readings exceed normal background for the area.

2. 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.

J. L. GRECO

trl

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

1124

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT ☐ LEGAL ACTION ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 25, 1989, the following investigation was conducted.

I contacted Mr. CC and reviewed his December 23, 1988, handwritten memo which he sent to Mr. Herbein regarding this incident. Mr. CC indicated that GG and Mr. AA were co-managing the Williamsburg Station at the time this incident occurred. Mr. CC stated that he reviewed, with Mr. BB Mr. BB conversation with Mr. AA . Mr. CC stated that Mr. BB told him (Mr. CC) that Mr. AA struggled with someone to get the dumping stopped. Mr. CC indicated that it was speculation that the struggle was with Mr. GG

It should be noted that R. F. Swift, who was the past SNEC Plant Superintendent, can not be interviewed due to the fact that he is deceased.

The following documents are attached to this report:

Attachment I - Specification PE - Saxton - 115, titled "Removal of all Equipment and Demolition of Saxton Power Plant"

Attachment II-A - Letter of Agreement to Kovalchick Salvage Company, from Mr. Conrad, representing Penelec, dated January 1, 1975

Attachment II-B - Letter clarifying Attachment II-A to Joseph Kovalchick from C. L. Imhoff, dated January 15, 1975.

Attachment III - Memo prepared by M. J. Youchak, pertaining to the progress of the Saxton Generating Station demolition, dated November 25, 1975

Attachment I contains the specifications, which was given to all prospective bidders, on the dismantling of the Saxton Steam Power Plant. The document instructs that only the Saxton Plant was to be dismantled and the only provisions for the SNEC area was that all related equipment and structures must have been protected. The document further required written authorization for all material leaving the site by the Penelec project engineer. (RE: FF statement of January 23, 1989)

7. ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura | EMPLOYEE NO. 2059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

DATE/TIME PREPARED: 1-25-89 5:50 p.m.

10. FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS)

12. PAGE 1 OF 2

MS-85 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(11)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

1 INCIDENT NUMBER

89-WM-2

2

Attachment II-A notified Kovalchick Salvage that it was awarded the contract for the removal and demolition of Penelec's Saxton Steam Generating Station, pursuant to Attachment I.

5331U

3 PERSON PREPARING REPORT (PRINT/TYPE & SIGN)

Andrew E. Mollura A.E. Mollura

4 REVIEWED BY (INTERNAL AFFAIRS)

5 PAGE 2 OF 2

MS 84 1288

DISTRIBUTION WHITE—INTERNAL AFFAIRS DEPARTMENT (JOHNSTOWN) CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

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

Addendum "A"
November 15, 1974

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 dismantling of the Sarton 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 cran 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, ept turbine pump which will be used in an isolated condition fo. 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.

PENNSYLVANIA ELECTRIC COMPANY

INTER-OFFICE MEMORANDUM

DATE December 10, 1974
OFFICE Johnstown

SUBJECT Minutes of Meeting
Saxton Generating Station
Specification PE-SAX-115 99-403

TO
MR. R. W. CONRAD
MD-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
C. L. Imhoff - Manager - Power Stations
L. L. Borsa - Superintendent - Stores
T. R. Smith - Purchasing Agent
E. W. Johnson - 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 $141,200	All Scrap	$30,100
Tri-State	Pay Penelec $27,500	Pay Penelec $103,500	-
Monongahela	Cost Penelec $27,500	Cost Penelec $32,500	-
Kovalchek	-	Pay Penelec $100,000	$ 5,000
Norelco	Cost Penelec $74,000	Cost Penelec $48,000	$ 2,000
Penn Ohio/ Burt Greer Co.	-	Pay Penelec $61,000 with the 40-60 joint venture with a maximum cost of $170,000	$ 2,200
Krentzman	Cost Penelec $37,700	Cost Penelec $47,700	-

Bonding - Insurance -

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	Penn Ohio Demolition
John Pizzuto	Penn Ohio Demolition
Burt Green	B. Green and Company
Steve Carroll	B. Green and Company
James Rudolph	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. E. W. Johnson 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 $61,000 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 $500,000 and $700,000 worth of equipment is in this plant. On this basis, Penelec would receive the most money for equipment. For example, $570,000 less $170,000 removal costs gives a net gain of $400,000. Forty percent of this will net Penelec $160,000. From this we deduct the $61,000 pre-payment, and there is an additional $99,000 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 $2,000 to an unrealistic bid of $30,100, with one bid at $5,000. We feel that the bids of $2,000, $2,200, and $2,700 would be bids that should be looked at to determine a fair value for the SNEC equipment. An average would be $2,300 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.

E. W. JOHNSON

FF /cmw

cc: R. C. Bartle
D. L. Boyle
T. L. Carroll
J. F. Smith
GG
T. E. Strittmatter/ FF
W. R. Thomas
T. P. Wolff
C. L. Imhoff, Jr.
L. L. Borsa
T. R. Smith

220

1 ☐
2 ☐

P CHASE REQUISITION

REQUISITION NO. CES-630-SAX

PUR BY	REQ. BY NO. OR BUYER	SUBJECT TO PA. EDUCATION TAX (SALES TAX) YES ☐ NO ☐	TERMS	ITEMS	REQUISITIONER
DELIVERY REQUIRED	SHIP VIA	F.O.B.			SUB ORDER NO

BILL TO

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

TO BE SHIPPED TO:

PENNSYLVANIA ELECTRIC COMPANY

STORES NO. / STOCK SYMBOL / ACCOUNT OR W.O. NO.	ITEM NO.	QUANTITY	UNIT OF ISSUE	✓	MATERIAL DESCRIPTION OR SERVICE	TO BE USED FOR
					Penn Ohio Demolition Company 1009 Johnstown Bank & 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 Sarton 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. FF	

PREPARED BY	DATE	APPROVED BY	DATE
FF	11/4/74	[signature]	11/4/74
APPROVED BY	DATE	APPROVED BY	DATE
		[signature]	

11/6 H C FF

PC-1 Rev. 5

SPECIFICATION #PE-SAX-115

REMOVAL OF ALL EQUIPMENT & DEMOLITION

OF SAXTON POWER PLANT

Pennsylvania Electric Company
Saxton Steam Electric Station
Saxton, Pennsylvania

November, 1974

SECTION I

INSTRUCTIONS TO BIDDERS

INDEX

Item	Title	Page
1:01	Invitation	I-1
1:02	Interpretation of Contract Documents	I-1
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	I-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	I-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 Plant 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 only 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 those 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. E. W. Johnson
Manager of Purchasing

Two (2) copies, exclusive of prices to:

Pennsylvania Electric Company
1001 Broad Street
Johnstown, Pennsylvania 15907

Attention: Mr. T. E. Strittmatter
Division Superintendent
Project Engineering

One (1) copy, exclusive of prices, to:

Pennsylvania Electric Company
1001 Broad Street
Johnstown, Pennsylvania 15907

Attention: Mr. T. P. Wolff, Manager
Generation Division Engineering

1:06.3 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. E. W. Johnson, 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.

1:06.7 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 Bond and Labor and Material Payment Bond

1:08.1 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.

1:08.2 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:

1. 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.

2. A list 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.

6. 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	Existing Utilities and Plant	II-4
2:10	Jurisdictional 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	Pennsylvania 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	II-7

Item	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	II-12
2:37	Time of Completion - Extensions	II-12
2:38	Delays - Cancellation 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	II-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-16
2:52	Waiver of Liens Agreement	II-17
2:53	Increase of Working Force and Equipment	II-18
2:54	Security Regulations	II-18

2:01 Definitions

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

1. OWNER for the intents and purposes of the CONTRACT DOCUMENTS shall mean the Pennsylvania Electric Company.

2. 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 approved by the OWNER.

5. WORK shall mean labor, services, materials, 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.

2:02.4 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 approval 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

2:04.1 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.

2:04.2 The OWNER reserves the right to reject any subcontractors, whether named in the Proposal or otherwise offered by the CONTRACTOR.

2:04.3 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.

2:08.3 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 jurisdictional disputes as soon as possible and take the necessary precautions to hold all disputes to a minimum.

2:11 Superintendence

2:11.1 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 upon 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 affixed 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 CONTRACTOR 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.

2:21.2 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

2:22.1 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 WORK. 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 WORK.

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 Clearing 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

2:28.1 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 OWNER 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

2:30.1 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 good 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

2:33.1 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 furnished 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 OWNER 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 WORK 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 foreman. 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 workman 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 OWNER 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 OWNER 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 Delays - 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

(2463)

wherein there has been delay. In such event, the OWNER may 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 Demurrage

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

2:40.1 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 the 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.

2:43 Contractor's Affidavit

AFFIDAVIT

STATE OF)
) SS:
COUNTY OF)

_____, being duly sworn, deposes and says that he is _____ _____of _____ which company has a Contract with the _____ bearing date _____ covering the _____.

Deponent further swears that the said _____ _____ has paid in full, at the prevailing recognized rate, and in accordance with Specifications and CONTRACT DOCUMENTS, for all labor supplied or performed and materials furnished in connection with the performance of said WORK, including all Social Security, Unemployment Insurance, and Sales and Use Taxes applicable thereto, and owes no one for any labor or materials in connection with the performance of said WORK or any of the said taxes, nor have any claims been made against the said CONTRACTOR for any unpaid material or labor with the exception of the following: _____

This affidavit is made for the purpose of inducing the _____ _____ to make a payment under the terms of its Contract relying on the truth of the statements contained herein.

_____

Subscribed and sworn to before me

this ____ day of _____, 19___ _____
Notary Public

2:44 Possession Prior to Completion

2:44.1 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 expense may be deducted by the OWNER from any payments due or to become due the CONTRACTOR.

2:46 Correction of Work after Final Payment

2:46.1 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 nor the CONTRACTOR shall assign the Contract or sublet it as a whole without 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

2:50.1 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.

2:51.1 (Cont.)

(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 required 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 hereunder. In furtherance of this understanding and agreement, the CONTRACTOR shall, if requested by Penelec, execute a Waiver of Liens Agreement. The Waiver of Liens Agreement shall be executed through the Prothonotary'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

1. 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.

2:54.3 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.

2:54.5 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 Station 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. This waiver will permit the security guard or a designated representative 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."

2:54.6 Material Movement

1. All material leaving the site requires the written authorization of the Penelec Project Engineer. Tools and equipment shall 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

1. Guards shall have supervision over the parking in the construction parking lot.

2. 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.

3. 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	Title	Page
3:01	Insurance by the Owner	III-1
3:02	Insurance by the Contractor	III-1

3:01 Insurance by the Owner

3:01.1 During the course of construction and until the WORK is finally accepted and the Contract Price is paid in full, the OWNER will provide and maintain Fire and Extended Coverage Insurance, covering the interest of the OWNER 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 OWNER 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 CONTRACTOR 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	$100,000/$300,000
Property Damage Liability	$100,000/$100,000
(c) Automobile Insurance	
Bodily Injury Liability	$100,000/$300,000
Property Damage Liability	$50,000
(d) If subcontractors are employed Contractor's Protective Liability	
Public Liability	$100,000/$300,000
Property Damage Liability	$ 50,000/$100,000

3:02.3 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.

3:02.4 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

Item	Title	Page
4:01	Scope of Work	IV-1
4:02	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 Furnished 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-4

4:01 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. Raystown 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 sewage 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.

4:02 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.

4:02.3 It is the intent and purpose of this specification 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.

4:05 Material, Equipment and Services Provided by the CONTRACTOR

4:05.1 All material including expendable items for the WORK, unless specifically noted elsewhere, shall be supplied by the CONTRACTOR.

4:05.2 The CONTRACTOR shall furnish all necessary labor and supervision, including all crafts necessary to perform the WORK.

4:05.3 The CONTRACTOR shall provide a full-time working superintendent who shall be responsible for the WORK and whose duty it shall be to direct all the WORK.

4:06 Equipment, Material and Supplies Furnished by OWNER

4:06.1 The following equipment shall be 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 CONTRACTOR shall leave the WORK area broom clean.

4:08.3 All waste materials shall be removed from the OWNER'S property other than material used for filling voids left from removing equipment.

4:09 Alternate B1

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, backfilling 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 basement 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.

4:02.2 An inventory of all salvage material is listed in Section 7 of this specification. The estimated weight of all material is the responsibility of the Demolition CONTRACTOR and can be made at his plant visit.

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.

4:02.4 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

4:03.1 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 WORK 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.

SECTION V

SALVAGE MATERIAL
SNEC EQUIPMENT

Addendum "A"

1 - Transformer

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

with Voltage Taps Impedance 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
Oil 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 V
Serial No. 1062144
Weight 30,500#
Case 12,000#
Oil 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%
Est. - 40,000# each

(261)

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	Mixed Metal	25 tons		3 tons
Generator Stator	Mixed Metal	42 tons		4 tons
#3 Generator Stator	Mixed Metal	100 tons		5 tons
Generator Rotor	Mixed Metal	50 tons		6 tons
#3 Economizer	21 tons	21 tons		
Generator Air Cooler			6 tons	
Stage Heater - Admeralty Metal			16 tons	
#3 Steam Turbine	80 tons	120 tons		
#3 Condenser	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.

RETIREMENT DATA FOR #3 TURBINE AND #3, 4, 7 & 8 BOILERS

Steam Turbine - #3

General Electric Turbine #30033
Steam Pressure - 285 psi - 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
First Started - 8-14-1926

Steam Condenser - #3

Wheeler Condenser & Engineering Co.
2 Pass Surface Condenser No. 9054
40,000 Sq. Ft. Effective Tube Area
6950 Brass Tubes - 22'-3" Long, 1" Dia., 18 Gauge
Brass Tube Sheets - Size
Total Weight - 135 Tons
Cast Iron - 90 Tons Brass - 45 Tons (Tubes - 41 Tons - Sheets 4

#3 Boiler

Serial No. - M.B.476
Mfd. by B & W Co., Barberton, Ohio
Type A 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./hr.
Water Heating Surface - 11,120 Sq. Ft.
Projected Grate Area - 191 Sq. Ft.
Tube Arrangement - 16 Rows - 42 Tubes Per Row
Seamless Steel 3-1/4" O.D., 8 Gauge, Total 672 Tubes

Superheater

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

Economizer

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

Safety Valves

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

SAXTON

Mr. C. A. Stetler
Johnstown, Penna.

July 22, 1964

Retirement 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 Number 12124
Steam Press. 285 lb. Temp. 630°
Rated at 10,000 K.W. - Speed 1800 R.P.M.
Straight Condensing - Started operation Nov. 6, 1923. Removed
Total Weight - 46 Tons.
Steel 35 Tons - Cast Iron 10 tons - Brass 1 ton.

Steam Condenser No. 1

C. H. Wheeler - 2 pass surface condenser
with divided water tax Ser. No. 18,600
17,500 sq.ft. effective tube area. Tubes Removed
3486 Brass tubes - 19'3" long, 1" O.D., 18 ga. Part in 1964
Brass tube sheet 9'6" Dia. 1 1/8" thick.
Total Weight - 92 tons.
Cast Iron 75 tons - Brass - 17 tons.

No. 1 Boiler

Serial No. NB474
Mfg. by B & W Co. Barberton, Ohio
Type - 4 Drum, Sterling, four 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 191 sq. ft.
Tube arrangement - 16 rows - 42 tubes per row
Seamless steel 3½" O.D. 8 gauge, total 672 tubes.

Superheater

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

Economizer

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

A

(1964)

SAXTON

Mr. C. A. Statler
Johnstown, Penna.

July 22, 1964

Retirement of Generating Equipment; (Continued)

Safety Valves

Eight consolidated spring loaded on rear steam drum,
1 on Superheater outlet.

Soot Blowers

Diamond 2½" - 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 REMOVED
Motor drive.

Forced Draft Fans

No. 1 Sturtevant Turlavane fan No. 76892
Design 4 - Size 80 - Motor Drive. MOTOR REMOVED

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

Induced Draft Fans

No. 3 Sturtevant Multivane fan - design 3-Size 7½
Serial No. None - Motor drive REMOVED

No. 4 - Same as No. 3

Draft Regulators

Hagan Master Controller No. 1261 Size 5"
Hagan Combustion Controller - Size 2½"

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

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

Identical with No. 1 Boiler

Total Weight (2) Boilers and Auxiliaries.

188 Tons Steel
110 " Cast Iron

(265)

SALTON

Mr. C. W. Statler
Johnstown, Penna.

July 22, 1964

Retirement of Generation Equipment; (Continued)

Re useable Motors - Boiler No. 1

*Forced Draft Drive No. 1

Westinghouse Induction Motor
Serial No. 4241997 Type CS Frame 655
Style 94B252 - 2200 Volts - 12 Amps 3 Phase
60 cycle - 50 H.P. - 1750 R.P.M.

This motor tagged for #2 boiler because failure of Ser No 424197 1-1-66

Forced Draft Drive No. 2

Westinghouse Induction Motor
Serial No. 4242004, Type CS, Frame 655,
Style 94B252, - 2200 Volts - 12 Amps. 3 Phase,
60 Cycle - 50 H.P. - 1750 R.P.M.

*Induced Draft Drive No. 3

Westinghouse Induction Motor
Serial No. 4241970, Type C.S. Frame 856
Style 94B261 - 2200 Volts - 23.3 Amps. 3 Phase
60 Cycle - 100 H.P. 1160 R.P.M.

This motor tagged for #3 boiler because failure of Ser No 424197? - 11-2-66

Induced Draft Drive No. 4

Westinghouse Induction Motor
Serial No. 4241971, Type C.S., Frame 856
Style 94B261, 2200 Volts - 23.3 Amps. 3 Phase
60 Cycle - 100 H.P. - 1160 R.P.M.

This motor tagged for #3 Boiler because failure of Ser. No 424197? 2-2-67

Stoker Drive No. 1

Westinghouse Induction Motor
Serial No. 4242025 Style 94B267, Frame 583A
Type C.S. - 5/10 H.P., 440 Volts, 12/18 Amps,
425/860 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.

REMOVED

Stoker Drive No. 2

Westinghouse Induction Motor
Serial No. 4242026 Style 94B267 Fram 583A
Type C.S. 5/10 H.P., 440 Volts, 12/18 Amps
425/860 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.

4

*Clinker Grinder Drive No. 1

(21.0)

Branch

Mr. C. W. Stattler
Johnstown, Penna.

July 22, 1964

Retirement of Generation Equipment; (Continued)

*Clinker Grinder Drive No. 1

TRANSFERRED TO #3 Boil 5-1-67

Westinghouse Induction Motor
Serial No. 4242442, Type C.S., Frame 472A,
Style 92B599, 440 Volts, 7.12/5.75 Amps, 3 Phase
60 Cycle 5/25 H.P., Speed 430/870 R.P.M.

Clinker Grinder Drive No. 2

Westinghouse Induction Motor
Serial No. 4242443, Type C.S., Frame 472A
Style 92B599, 440 Volts, 7.12/5.75 Amps, 3 Phase
60 Cycles, 5/2.5 H.P., Speed 430/870 R.P.M.

Re useable Motors - Boiler No. 2 Not Retired

Forced Draft Drive No. 1

Westinghouse Induction Motor
Serial No. 4241998, Type C.S., Frame 655
Style 94B252, 2200 Volts, 12 Amps., 3 Phase, 60 cycle
50 H.P., 1750 R.P.M.

Forced Draft Drive No. 2

Westinghouse Induction Motor
Serial No. 4241985, Type C.S. Frame 655
Style 94B252, 2200 Volts, 12 Amps, 3 Phase
60 Cycle, 50 H.P., 1750 R.P.M.

(Stator coils failed 1-1-66 Replaced by Serial 4241 from #1 Boiler)

Induced Draft Drive No. 3

Westinghouse Induction Motor
Serial No. 4241967, Type C.S., Frame 856
Style 94B261, 2200 Volts, 23.3 Amps., 3 Phase
60 Cycle, 100 H.P., 1160 R.P.M.

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.

SAMTON

Mr. C. M. Statler
Johnstown, Penna.

July 22, 1964

Retirement of Generation Equipment; (Continued)

Stoker Drive No. 1

Westinghouse Induction Motor
Serial No. 4243024 Style 94B2b7, Frame 583
Type C.S., 5/10 H.P., 440 Volts 12/18 Amps., REMOVED
425/860 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

Stoker Drive No. 2

Westinghouse Induction Motor
Serial No. 4243023 Style 94B267, Frame 583A,
Type C.S. 5/10 H.P., 440 Volts, 12/18 Amps.,
425/860 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 Grinder Drive No. 1

Westinghouse Induction Motor
Serial No. 4242440 Style 92B599, Type C.S.
Frame 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. 4242441 Style 92B599, Type C.S.
Frame 472A, 440 Volts, 7.12/5.75 Amps., 3 Phase
60 Cycle, 5/2.5 H.P., Speed 430/870 R.P.M.

No. 1 Turbine

Condensate Pump Drive No. 2

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

Circulating Pump Drive No. 1

Westinghouse Induction Motor
Serial No. 4241959, Frame 954, 2200 Volts,
37.5 Amps, 3 Phase, 60 Cycle, 150 H.P.,
575 R.P.M.

(268)

Mr. C. W. Statler
Johnstown, Penna.

July 22, 1964

Retirement of Generating Equipment; (Continued)

Circulating Pump Drive No. 2

Westinghouse Induction Motor
Serial No. 4241957, Frame 954, 2200 Volts
37.5 Amps, 3 Phase, 60 Cycle, 150 H.P.,
575 R.P.M.

Air Washer Pump Drive

G.E. Induction Motor Serial No. 3636330
Type A.T. 751-4-10-1600 - Frame C - 440 Volts,
13.1 Amps - 3 Phase - 60 Cycle - 10 H.P.
Speed 1760 R.P.M.

No. 1 A.C. Generator — Removed

Installed 1923 - Mfg. Westinghouse
Air Cooled - Serial No. 4241908, rated at 12,500 KVA
13.2 KV - 548 Amps., - 3 Phase - 60 Cycle - 85% P.F.
Speed 1800 R.P.M. - Solid Coupling.

Exciter No. 1

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

Field Rheostat

Westinghouse Type J - Style 9413242 - 250 Volts
500/120 Amps. - 1.78 ohms, Motor drive

Weight - Generator Stator 84,000 lbs. (8 Ton unlisted copper)
Rotor 50,200 lbs. (4 Ton " ")

Mr. C. W. Butler
Johnstown, Penna.

July 22, 1964

Retirement of Generation Equipment (Continued)

Re useable Pumps

Circulating Pump No. 1
C. H. Wheeler - 20" Class C horizontal double suction centrifugal pump Serial No. 18408
Cap. 12,000 G.P.M., Motor drive, R.P.M. 575.

Circulating Pump No. 2

Same as No. 1 except Serial No. 18418

Condensate Pump No. 1

C. H. Wheeler - Class H.A. Hot well pump Centrifugal Pump No. 18416 - size 4" Cap. 350 G.P.M. direct connected to a Terry Steam Turbine Serial No. 8437, 20 H.P. 250 lbs. Steam Pressure - 0 back pressure speed 1750 R.P.M.

Condensate Pump No. 2

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

Aux Oil Pump No. 1

Worthington - 2 cyl. reciprocating steam pump Serial No. 706130 Size 4½ x 3 3/4 x 4

Air Washer Pump

Buffalo Steam Pump Co., horizontal double suction centrifugal pump No. 52114-LH - head 80' - capacity 230 G.P.M. Size 2½ - Speed 1760 - Motor 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 Size 20

Radio Jet Air Pump No. 1

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

[illegible] Date July 22, 1944
[illegible]

Installment of Generating Equipment; (continued)

Atmospheric Relief Valve No. 1

G. M. Wheeler - 30" Unit-Flex Atmospheric relief valve

After Condenser No. 1

G. M. Wheeler - 10' - 0" - 1" after condenser

Oil Cooler No. 1

Westinghouse horizontal type - 233 Brass tubes 7/16" I.D.

Main Steam Piping and Valves

30' of 8" pipe 65' of 12" pipe

Station Air Compressor No. 1

Installed 1923 - Sperry Co., Erie, Pa. No. 4606, Class ML - Size 12 x 10 - Speed 235 R.P.M. - Pressure 100 p.s.i. - V belt drive from G. E. Induction motor Serial No. 3083220 - Model 1611 - Type AI342-8-50-900 Frame B - 2200 Volts 12.5 Amps. - 3 Phase - 60 Cycle 50 H.P. - Speed 870 R.P.M. with G. E. starting compensator C1434.

Evaporator

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

Transformer Oil Tanks

4 - 4' x 20' steel tanks
1 - De Laval Oil Separator
1 - Oil Heater

Total Weight Miscellaneous items

5 tons steel - 3 tons Brass - 10 tons cast iron

2 " Bare Copper Coils in L.P Evap.

Circulating Pump Drive No. 2

Same as No. 1 Except Serial No. 119871

No. 3 A.C. Generator

General Electric - Air Cooled - Serial No. 4097047 - Capacity 30,000 K.
Type ATB-4-375WW-1800 - Form HT - P.F. 80% - 13.8 K.V.
1570 Amps - Field Amps 515 - 3 Phase - 60 Cycle - 1800 R.P.M.

No. 3 Shaft Driven Exciter

General Electric D.C. Generator - Serial No. 1359295 - Form A
Type CT-13-6-175-1800 - 250 V. - 700 Amp - 175 K.W. - Speed 1800 R.P.M.

Weight No. 3 Generator Stator - 100 Tons
Weight No. 3 Generator Rotor - 50 Tons

Steam Jet Air Pump

Wheeler Condenser & Engineering Co.
Triple Element - 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.

19th Stage Bleeder Heater

Griscom Russell Co.
814 - 5/8" O.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 190° to 148°
Total Weight 15,000 Lbs.

17th Stage Bleeder Heater

Griscom Russell Co.
814 - 5/8" O.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.

Oil Cooler

Andale Tube Bundle Type - Serial No. 1475
Total Weight 1,000 Lbs.

Re-Useable Pumps - No. 3 Turbine, etc.

Circulating Water Pump No. 1

Wheeler Condenser & Engineering Co. Centrifugal Pump
30" Side Double Suction - 30" Side Discharge
Roller Bearings, bronze Mounted - No. 08031
Dated 1925 - Head 30' - Capacity 30,000 G.P.M.
Horizontal Motor Drive Thru Fast Flexible Coupling - 353 R.P.M.

Circulating Water 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. 08034 - Size 6" - Two Stage - Head 200' - Capacity 750 G.P.M
Direct Connected to a Terry Steam Turbine No. 10286 - H.P. 75
Steam Pressure 275 psi - Exhaust 4 psi - R.P.M. 1200

Condensate Water Pump No. 2

Same As No. 1 Except No. 08033 and Direct Connected to a
75 H.P. Motor

Turning Gear Oil Pump

Roper Centrifugal Pump - Serial No. 3160
Figure No. 99950RCAM - 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. 348CMX-423DS-3-1 - Type AR423DS
2200 V. - 18 Amp - 3 Phase - 60 Cycle - 75 H.P. - 1165 R.P.M.

Circulating Pump Drive No. 1

Allis 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 Motors

L. H. Motor - Allis Chalmers Induction Motor
Serial No. 348[illegible]-423[illegible]-4-3 - Type AR4.26CS
2200V. 12.8 Amp - 3 Phase - 60 Cycle - 50 H.P. - 860 R.P.M.

R. H. Motor - Allis Chalmers Induction Motor
Serial No. 348XMA-426CS-2-2 - Type AR4.26CS
2200 V. - 23 Amp - 3 Phase - 60 Cycle - 100 H.P. - 1165 R.P.M.

Induced Draft Fan Drive Motor

Allis Chalmers Induction Motor
Serial No. 121345 - 2200 V. - 72 Amp - 3 Phase - 60 Cycle
300 H.P. - Speed 585 R.P.M. - Rotor Volts 370
Motor Amps 368 with Cutler Hammer AC Controller No. A395170l

Stoker Drive No. 1

Allis Chalmers Induction Motor
Serial No. 348XMA-[illegible]-5-3 - Type ARI-416D
440 V. - 21 Amp - 3 Phase-60 Cycle - 15 H.P. - 1150 R.P.M.

Stoker Drive No. 2

Same As No. 1 Except Serial No. None - 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

Same As No. 1 Except Serial No. 348XMK-416D-6-7

Re-Useable Motors - Boiler No. 8 - All The Same As No. 7 Except Serial Numbers which May Be Found In Plant Inventory

Re-Useable Motors - Boiler No. 3

Forced Draft Fan Drive No. 1

Westinghouse Induction Motor
Serial No. 4242003 - Type CS - Frame 655
Style 948252 - 2200 V. - 3 Phase - 60 Cycle
50 H.P. - 1750 R.P.M.

Forced Draft Fan Drive No. 2

Same As No. 1 Except Serial No. 4242002

Induced Draft Fan Drive No. 3

Westinghouse Induction Motor
Serial No. 4241969 - Type CS - Frame 856
Style 948261 - 2200 V. - 23.3 Amp - 3 Phase
60 Cycle - 100 H.P. - 1160 R.P.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 583A
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.M.

Clinker Grinder Drive No. 2

Same As No. 1 Except Serial No. 4242005

Re-Useable Motors - Boiler No. 4 - Same As No. 3 Except
Serial Numbers Listed In Plant Inventory (375)

Induced Draft Fan

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

#7 Draft Regulators

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

Total Weight - #7 Boiler & Auxiliaries

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

Total Weight - #8 Boiler & Auxiliaries

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

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

468 Tons - Steel
310 Tons - Cast Iron

#7 Boiler - Serial No. NB-2571

Mfd. by B & W Co., Barberton, Ohio
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.P. - Average Output 100,000 lb./hr.
Projected Grate Area - 309.8 Sq. Ft.
Tube Arrangement - Boiler Tubes - Sixteen Rows, 42 Tubes Per Row, Seamless Steel Tubes, 3-1/4" O.D., Total of 672 Tubes
Water Heating Surface - 11,120 Sq. Ft.
Water Walls - Bailey Meter Water-cooled Side and Bridge Wall Construction. Total of 22 Seamless Steel, 3-1/4" O.D. in Each Wall.
Water Heating Surface - 210 Sq. Ft.

Superheater

Same As #3 Boiler

Economizer

B & W Duratex Integral Type Located in Last Gas Pass
Consists of 19 Steel Headers Per Side and 32 Plain Seamless Steel Tubes 2" O.D. x 20' Long Per Header - Total of 608 Tubes
Tubes - 21 Tons Headers and Handplates - 21 Tons

Safety Valves

Seven Ashton Spring Loaded Valves on Rear Steam Drum and One on Superheater Outlet

Soot Blowers

Diamond 2-1/2" - 16 Elements Per Boiler Plus 8 in Economizer
1 - Vulcan T-2, Air Motor Driven 14' Travel Retractable Soot Blower
1 - Ditto - 20' Travel

Stoker

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

Forced Draft Fans

One Fan Equipped With Dual Motor Drive, One Motor Directly Connected To Each End of Fan Rotor Shaft
American Blower Co., Sirocco Type HS - Size 7-1/2 - Serial No. 1604054 - Double Side Inlet - Horizontal Discharge Fan

(277)

Soot Blowers

Diamond 2-1/2" - 16 Elements Per Boiler and 8 In The Economizer
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 Fans

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

Draft Regulator

Hagan Master Controller - No. 12E1 - Size 5"
Hagan Combustion Controller - Size - 2-1/2"

Total Weight - #3 Boiler & Auxiliaries

94 Tons - Steel
55 Tons - Cast Iron

#4 Boiler - Serial No. NB-477

Identical To #3 Boiler

Total Weight - 2 Boilers and Auxiliaries

188 Tons - Steel
110 Tons - Cast Iron

RETIREMENT DATA FOR #3 TURBINE AND #3, 4, 7 & 8 BOILERS

Steam Turbine - #3

General Electric Turbine #30033
Steam Pressure - 285 psi - 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
First Started - 8-14-1926

Steam Condenser - #3

Wheeler Condenser & Engineering Co.
2 Pass Surface Condenser No. 9054
40,000 Sq. Ft. Effective Tube Area
6950 Brass Tubes - 22'-3" Long, 1" Dia., 18 Gauge
Brass Tube Sheets - Size
Total Weight - 135 Tons
Cast Iron - 90 Tons Brass - 45 Tons (Tubes - 41 Tons - Sheets 4

#3 Boiler

Serial No. - H.B.476
Mfd. by B & W Co., Barberton, Ohio
Type A 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./hr.
Water Heating Surface - 11,120 Sq. Ft.
Projected Grate Area - 191 Sq. Ft.
Tube Arrangement - 16 Rows - 42 Tubes Per Row
Seamless Steel 3-1/4" O.D., 8 Gauge, Total 672 Tubes

Superheater

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

Economizer

B & W Duratex Integral Type Located In Last Pass Consists Of 15 Steel Headers Per Side And 32 Plain Seamless Steel Tubes 2" O.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 Wayne Avenue
Indiana, Pennsylvania 15701

Gentlemen:

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

It is agreed between Penelec and Kovalchick that until such time as a determination has been made by Penelec as to the required regulatory authority approval, if any, to effect the transaction, Kovalchick shall not perform any of the "Work" covered by the Specification referred to above, as amended, until such time as Penelec notifies Kovalchick 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 Sarton Steam Generating Station, Sarton, Pennsylvania. Kovalchick agrees to hold Penelec harmless from any loss or liability arising on or after January 1, 1975 relating to or in any wise connected with Penelec's Sarton Steam Generating Station, Sarton, Pennsylvania.

Penelec acknowledges receipt of the payment by Kovalchick of $131,000.00 as contained in Kovalchick's proposal dated December 17, 1974, 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, Penelec 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 "Work" to be performed shall be terminated as of the effective date of refund.

COPY

(270)

PENNSYLVANIA ELECTRIC COMPANY

Kovalchick Salvage Company

January 1, 1975

GENERAL OFFICE:
1001 BROAD STREET
JOHNSTOWN, PA. 15907

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

Very truly yours,

PENNSYLVANIA ELECTRIC COMPANY

R. A. Conrad
Vice President, Generation

ACCEPTED:

KOVALCHICK SALVAGE COMPANY

By ___ _____

Dated: January 14, 1975

COPY

(28)

PENNSYLVANIA ELECTRIC COMPANY

1001 BROAD STREET, JOHNSTOWN, PA. 15907
814-536-6611

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,

C. L. Imhoff, Jr.
Manager-Generating Stations

dk

cc: W. R. Thomas
GG
R. W. Conrad

JOB CONFERENCE REPORT

PROJECT ENGR DEPT
W.O. 311
Name | Date
5 | 11
(illegible) | 12/1

Subject: Saxton Generating Station
Date: November 25, 1975
Work Order: 311.3
Project Started: January 1, 1975

Present: Kovalchick Salvage Company - F. Koma

Penelec - M. J. Youchak
G. D. Letizia

ATTACHEMENT III

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 completed by December 31, 1975, except for seeding of the river banks which will be done during the spring of 1976.

4. A.D. Evangelista of Penelec's Eastern Division agreed to take care of the additional fencing required around substation after the demoliton work is completed.

5. D.D. Bryan 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 meeting will be scheduled as necessary to suit job conditions.

Any contractor taking exception 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.

PENNSYLVANIA ELECTRIC COMPANY

M. J. Youchak

M. J. Youchak

cc: D. D. Bryan
R. W. Conrad
A. D. Evangelista
D. H. Fyock
C. L. Imhoff, Jr.
Kovalchick Salvage Company
G. D. Letizia
AA / DD
W. M. Morris
E. Strittmatter
T. P. Wolff
F. W. Womer, Jr.

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE / SEX / DOB / AGE / HEIGHT / WEIGHT / HAIR / EYES / SOCIAL SECURITY NO

IF PENELEC EMPLOYEE / WORK LOCATION / POSITION / EMPLOYEE NO / SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 27, 1989, the following investigation was conducted.

At 10:00 a.m., Mr. Stock and I arrived at Mr. AA residence, ~~located at~~ Mr. AA stated, "I was with GG) for a month at Williamsburg, prior to his ~~retirement, for training. We had a disagreement prior to his leaving and~~ didn't part the best of friends. When this incident occurred, GG was not ~~there and I did not argue or speak with him about it.~~ The first day this occurred, DD told me he was going to the ash site because he had ~~things to do. I went to see him on the ash site later and saw the equipment~~ (backhoe and triaxial truck) and asked him what was happening, and he said he ~~had orders to watch the activity. I called Cam (Imhoff) and he said he didn't~~ know what was happening. Later that day, or the next day, I got a call from ~~Ralph (Conrad). I don't know that he (~~ DD ~~) was nervous about it~~ (the burying of SNEC articles) because he didn't get nervous about anything. ~~It was quite obvious he (~~ DD ~~) knew what was happening. The reason I~~ called Cam was because he was the next higher level of authority. The station ~~was actively operating. We were generating electricity. At that time, that~~ was the only ash site in existence. PP) would have definitely ~~been hauling ash at that time. If~~ PP ~~didn't see this activity, he would~~ have had to be blind. I don't know why DD would have been the one ~~who was directed to watch the activity on the ash site. I can't remember the~~ exact time that Saxton was demolished. I figured the time of this incident ~~was around the time that I had the first problem with Ralph (Conrad) and the~~ fact that it was prior to the steam accident at Williamsburg and DD DD ~~job re-classification. We buried asbestos bags in Williamsburg;~~ others buried garbage in the ash. I don't remember anything else of ~~significance. I don't know of the reason why Williamsburg was chosen to bury~~ the SNEC articles. I remember black barrels, dirt, and concrete with re-bar, ~~in the triaxial truck. The only reason I initiated the change of~~ classification action with DD was partly because of this incident, ~~among other communication problems with~~ DD ~~. I don't recall justifying the~~ classification change with any of my superiors, using this incident as a

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

DATE/TIME PREPARED: 1-27-89 5:35 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☒ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS): AD

12 PAGE 1 OF 3

MS-86 12M

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(GPU)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT
CONTINUATION REPORT

1 INCIDENT NUMBER
89-WM-2

2

reason. DD was totally pissed 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 DD and Ralph Conrad. When I talked to DD, 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."

Mr. 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. AA advised that he could supply no 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 near the ash site. 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/SIGN)
Andrew E. Mollura A E Mollura

4 REVIEWED BY (INTERNAL AFFAIRS)

5 PAGE 2 OF 3

MS 86 1288

DISTRIBUTION WHITE—INTERNAL AFFAIRS DEPARTMENT (JOHNSTOWN) CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

305

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

1 INCIDENT NUMBER

89-WM-2

2

At the conclusion of all discussion, and just prior to leaving Mr. AA residence, Mr. AA wanted to discuss, off the record, events which occurred at Penelec dating back to 1969. Mr. AA began to discuss situations that occurred in the past, which he felt were wrong. I informed Mr. AA that although my responsibility 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

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

4 REVIEWED BY (INTERNAL AFFAIRS)

5 PAGE 3 OF 3

MS 88 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT (JOHNSTOWN) CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

DPL

CONFIDENTIAL

ATTACHMENT I

UNUSUAL OCCURRENCE 03-89 January 17, 1989

J. Knubel - Nuclear Security Director Horris 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 and burnup fee. *In late 1972, the control rods were shipped for ~~disposal~~ burial to West Valley, New York After fuel removal, an amendment to the operating license was submitted to the NRC for approval to possess but not operate the facility. A general decontamination effort was initiated. Mr. Montgomery stated that this general effort continued until ~~late~~ fall 1973. The last shipment of radioactive material left the site ~~late~~ fall 1973 [redacted] The material was shipped to Moorehead, Ky. for burial.

CONFIDENTIAL

-89

I questioned the late 1973 [redacted] end of cleanup date because of a verbal history received from J. Auger. Mr. Montgomery assured me his dates were correct. SNEC personnel left the Site in the fall of 1973. As I remember it was Sept. 1973.

I asked Mr. Montgomery if he was aware of the Saxton steam ~~site~~ 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 Mr. 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. Furthermore, SNEC had no means of transporting any material from the site.

*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~~ Station 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.. Mr. Montgomery questioned why Mr. AA waited some 12 years to make the allegations

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. 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 Montgomery
concurs with changes noted.

JK:nh
2060/4-5

Nuclear

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

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.

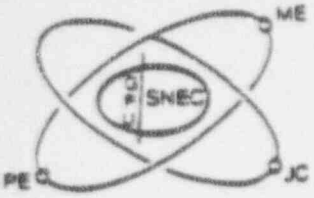
Very truly yours,

Jim Knubel
Nuclear Security Director

JK:nh
2060Q/12

Enclosure

391



SA''TON NUCLEAR EXPERIM^E:NTAL CORPORATION
GENERAL PUBLIC UT.LITIES SYSTEM

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
Manager, Environmental Licensing, Penelec

Location EC - Commerce Park

The following information is enclosed:

1. Analysis results of 5 water samples taken from the old flyash disposal site.
2. 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.
4. 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 old 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:05295

cc: J. Auger
G. Baker
J. Hildebrand
S. Molello
T. Murphy

File: 2412.26

GPU Nuclear

12-JAN-89

GPU Nuclear Corporation
Environmental Radioactivity 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

Sample Type:
WATER (UNSPECIFIED)
Analysis Type:
Gamma Spectrometry of Water

GPU ID	STATION ID	COLLECTION	RESULTS IN pCi/l +/- 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 10
		MN-54	Less Than 9
		NB-95	Less Than 11
		ZN-65	Less Than 60
		ZR-95	Less Than 17

Signature: Roger B. Gill Date: 12 JAN 89

(294)

GPU Nuclear

12-JAN-89

GPU Nuclear Corporation
Environmental Radioactivity 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

Sample Type:
WATER (UNSPECIFIED)
Analysis Type:
Gamma Spectrometry of Water

GPU ID	STATION ID	COLLECTION	RESULTS IN pCi/l +/- 2s
045106	SP-WA-MP-4	Start: 010989 11:30 Stop: 010989 11:30	

BA-140	Less Than 30
CO-58	Less Than 11
CO-60	Less Than 15
CS-134	Less Than 20
CS-137	Less Than 13
FE-59	Less Than 30
LA-140	Less Than 15
MN-54	Less Than 10
NB-95	Less Than 13
ZN-65	Less Than 50
ZR-95	Less Than 19

Signature: Roger B. Gill Date: 12JAN89

GPU Nuclear

12-JAN-89

GPU Nuclear Corporation
Environmental Radioactivity 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

Sample Type:
WATER (UNSPECIFIED)
Analysis Type:
Gamma Spectrometry of Water

GPU ID	STATION ID	COLLECTION	RESULTS IN pCi/l +/- 2s
045105	SP-WA-MP-3	Start: 010989 11:20 Stop: 010989 11:20	
		BA-140	Less Than 30
		CO-58	Less Than 14
		CO-60	Less Than 17
		CS-134	Less Than 20
		CS-137	Less Than 11
		FE-59	Less Than 20
		LA-140	Less Than 18
		MN-54	Less Than 10
		NB-95	Less Than 15
		ZN-65	Less Than 50
		ZR-95	Less Than 19

Signature: Roger B. Gill Date: 12 JAN 89

(796)

GPU Nuclear

12-JAN-89

GPU Nuclear Corporation
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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

Sample Type:
WATER (UNSPECIFIED)
Analysis Type:
Gamma Spectrometry of Water

GPU ID	STATION ID	COLLECTION	RESULTS IN pCi/l +/- 2s
045104	SP-WA-MP-2	Start: 010989 11:10 Stop: 010989 11:10	

BA-140	Less Than 30
CO-58	Less Than 14
CO-60	Less Than 13
CS-134	Less Than 30
CS-137	Less Than 16
FE-59	Less Than 20
LA-140	Less Than 17
MN-54	Less Than 12
NB-95	Less Than 14
ZN-65	Less Than 70
ZR-95	Less Than 20

Signature: Roger B. Gill Date: 12 JAN 89

GPU Nuclear

12-JAN-89

GPU Nuclear Corporation
Environmental Radioactivity 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

Sample Type:
WATER (UNSPECIFIED)
Analysis Type:
Gamma Spectrometry of Water

GPU ID	STATION ID	COLLECTION	RESULTS IN pCi/l +/- 2s
045103	SP-WA-MP-1	Start: 010989 10:45 Stop: 010989 10:45	
		BA-140	Less Than 30
		CO-58	Less Than 10
		CO-60	Less Than 13
		CS-134	Less Than 30
		CS-137	Less Than 9
		FE-59	Less Than 20
		LA-140	Less Than 19
		MN-54	Less Than 11
		NB-95	Less Than 12
		ZN-65	Less Than 50
		ZR-95	Less Than 17

Signature: Roger B Hill Date: 12 JAN 89

3 G P

RADIOLOGICAL SURVEY

File Code Number: 600-89-003

SURVEY INFORMATION

Location: WILLIAMSBURG OLD ASH DISPOSAL SITE

Reason: DATA ACQUISITION

Date: 1-11-89 Time: 1400

Tech: [illegible]

Reviewed By: R.G. ROLPH 1-13-89

INSTRUMENT DATA

CONTAMINATION SURVEY		RADIATION SURVEY	
Inst	Inst	Inst L-19	Inst L-123
S/N	S/N	S.N. 32864	S.N. 55487
Cal. Due	Cal. Due	Cal. Due 3-2-89	Cal. Due 2-10-89
Eff N	Eff	B.C.F. N/A	B.C.F. N/A
Bkg	Bkg T	Tech [illegible]	
Mdc	Mdc		
Tech			

Notes: Radiation in MR/Hr unless otherwise noted. Dose rates are general area unless otherwise noted.

AIR SAMPLE

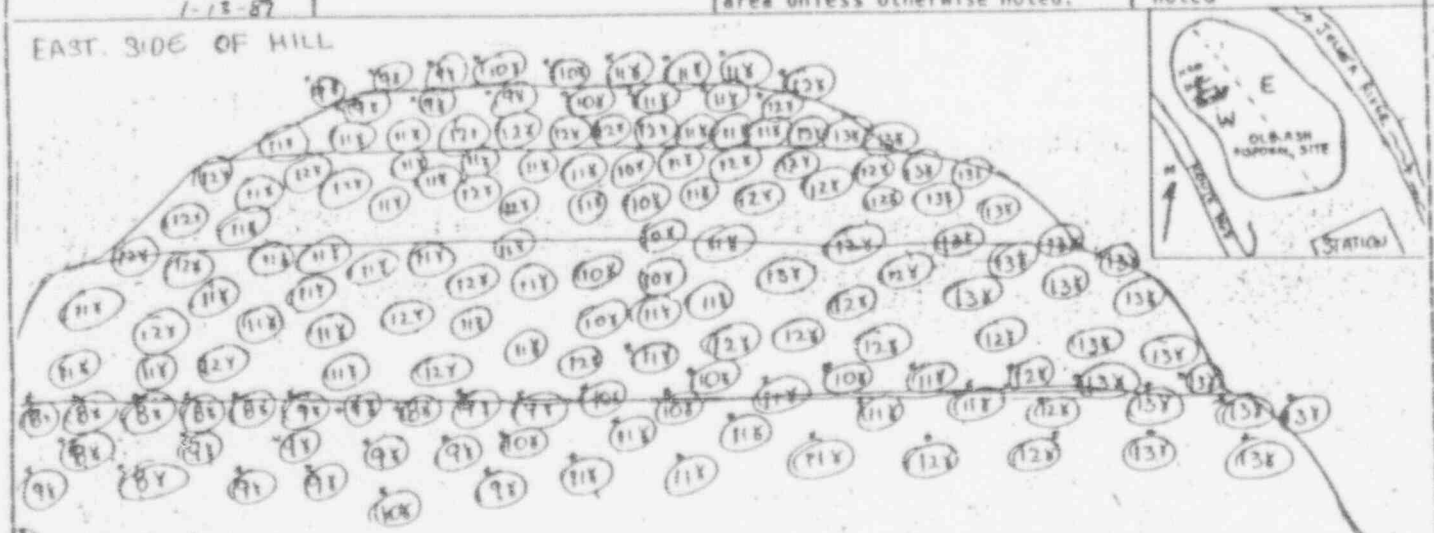
Date Time

Activity N/T

Notes:
0 = Contact Reading
|_| = Smear Location
Contamination results in DPM/100 CM^2 unless otherwise noted

Smearable Contamination

Location	B#	cA	Comments



notes

all readings in micro-R/HR

entire fill area covered with several feet of soil

ORIGINAL

Remarks:
Y: READINGS TAKEN WITH L-123 # 55487
BKG AT WAIST LEVEL: 8 uR/HR
O: READINGS TAKEN WITH L-123 # 32864
BKG AT WAIST LEVEL: 11 uR/HR

0413/178

RADIOLOGICAL SURVEY

SURVEY INFORMATION

Location: Williamsburg New Ash disposal Site
Reason: check background
Date: 1/11/89 Time: 1320
Tech: [illegible]
Reviewed By: R G Rowe 1-13-89

INSTRUMENT DATA

CONTAMINATION SURVEY N/T

Inst		Inst	
S/N		S/N	
Cal. Due		Cal. Due	
Eff		Eff	
Bkg		Bkg	
Mdc		Mdc	
Tech			

RADIATION SURVEY

Inst	E-125	Inst	E-19
S.N.	55467	S.N.	32856
Cal. Due	2-10-89	Cal. Due	2-2-89
B.C.F.	N/A	B.C.F.	N/A
Tech	[illegible]		

Notes: Radiation in [illegible] unless otherwise noted. [illegible] mR/HR
Dose rates are general area unless otherwise noted.

AIR SAMPLE N/T

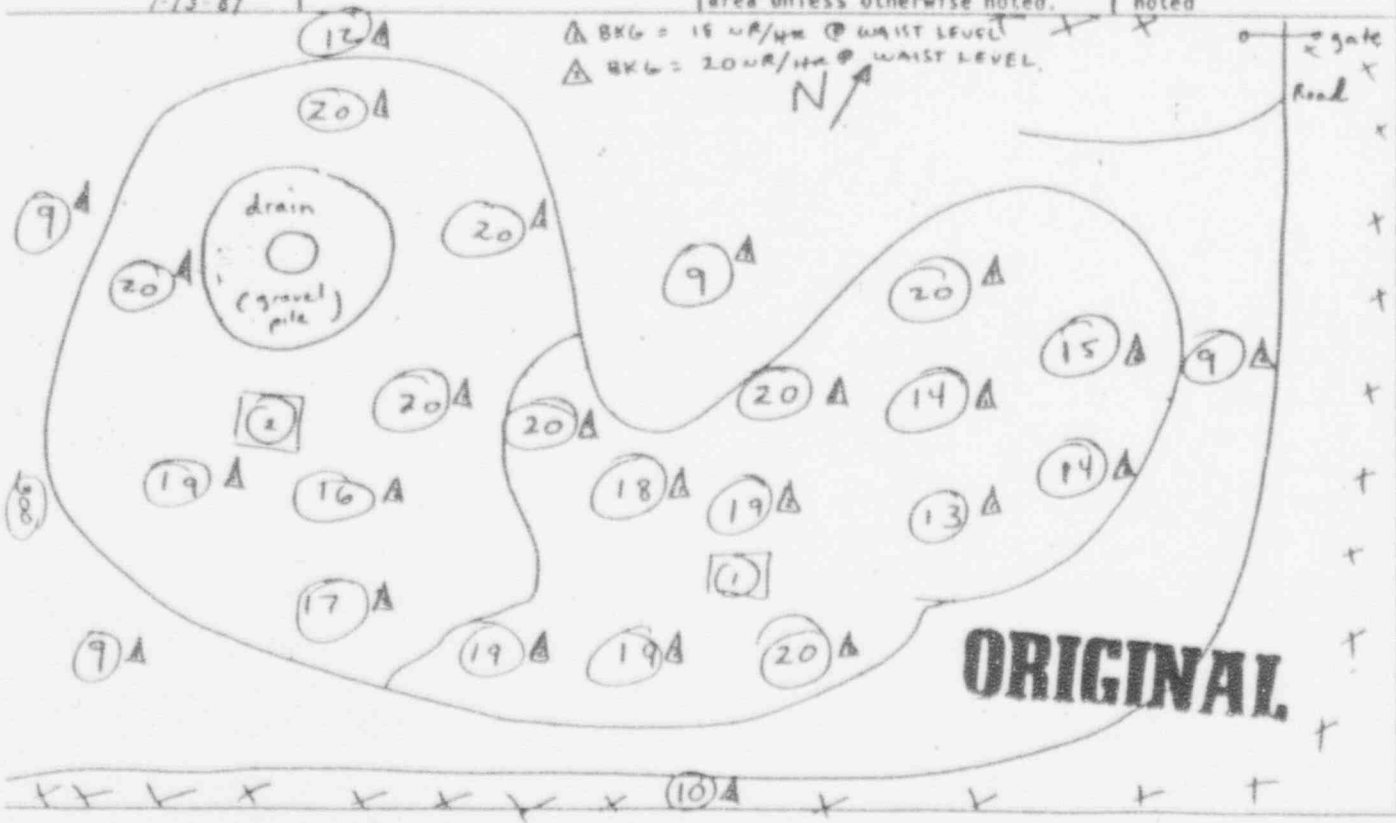
Date: Time:
Activity:

Notes:
O = Contact Reading
|_| = Smear Location
Contamination results in DPM/100 CM^2 unless otherwise noted

File Code Number: 600-89-0036

Smearable Contamination

Location	Bβ	αA	Comments



Remarks: (1) Area covered with bottom ash
(2) Raw fly ash
X - fence

0413/178

RADIOLOGICAL SURVEY

SURVEY INFORMATION

Location: Williamsburg old ash disposal site

Reason: Backgrounds

Date: 1/6/89 Time: 1400

Tech: Meyer/Wynegar

Reviewed By: R.G. Ravenscroft 1-13-89

INSTRUMENT DATA

CONTAMINATION SURVEY: N/T

Inst	Inst
S/N	S/N
Cal. Due	Cal. Due
Eff	Eff
Bkg	Bkg
Mdc	Mdc
Tech	

RADIATION SURVEY

Inst: L-123	Inst: L-19
S.N.: 55787	S.N.: 32836
Cal. Due: 2-10-89	Cal. Due: 2-2-89
B.C.F.: N/A	B.C.F.: N/A
Tech: Meyer/Wynegar	

Notes: Radiation in MR/Hr unless otherwise noted. Dose rates are general area unless otherwise noted.

AIR SAMPLE: N/T

Date: Time:

Activity:

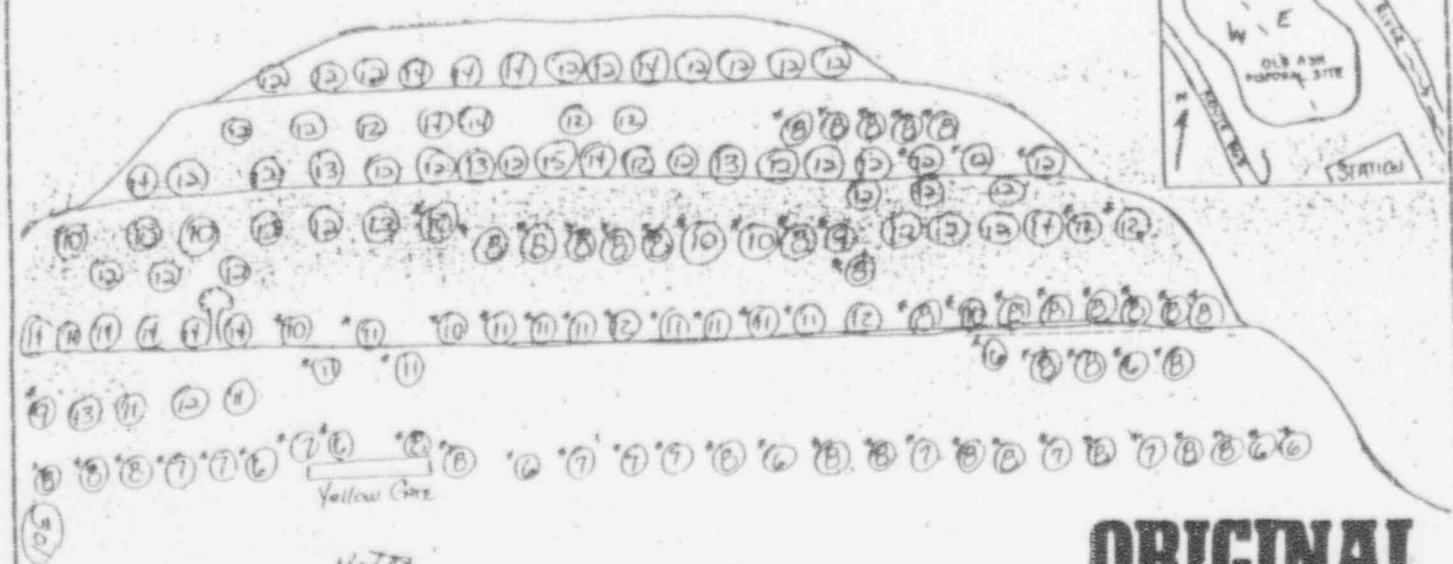
Notes:
0 = Contact Reading
|_| = Smear Location
Contamination results in DPM/100 CM^2 unless otherwise noted

File Code Number: 600-89-0034

Smearable Contamination

Location	BB	CA	Comments

WEST SIDE OF HILL



N T

ORIGINAL

Notes: all readings in micro-R/HR

future fill area covered with several feet of soil

Remarks:
0 L-19 Background & worst level 8-10
L-123 Background & worst level 10-11

0413/17B

GPU Nuclear

20-JAN-89

GPU Nuclear Corporation
Environmental Radioactivity 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

Sample 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	
		AC-228	1.4 +/- 0.2
		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
		RA-226	3.7 +/- 0.6
		U-235	Less Than 0.3
		ZN-65	Less Than 0.3
		ZR-95	Less Than 0.1

* BOTTOM ASH from Williamsburg Plant

Approved: Raymond J. Danahy Date: 1/21/89
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

302

GPU Nuclear

20-JAN-89

GPU Nuclear Corporation
Environmental Radioactivity 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

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
AG-110M	Less Than 0.05
BE-7	Less Than 0.5
CO-58	Less Than 0.08
CO-60	Less Than 0.07
CS-134	Less Than 0.14
CS-137	Less Than 0.07
I-131	Less Than 0.09
K-40	13 +/- 1
MN-54	Less Than 0.07
NB-95	Less Than 0.07
RA-226	7.2 +/- 0.7
U-235	Less Than 0.3
ZN-65	Less Than 0.3
ZR-95	Less Than 0.11

* FLY ASH from Williamsburg Plant

Approved: Raymond J. Danahy Date: 1/21/89
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

(303)

FIELD SAMPLING DATA AND CHAIN-OF-CUSTODY FORM

STATION: WILLIAMSBURG

SAMPLER(S): I ALBRIGHT / BB

Monitoring Point or Sample Number	Sample Date	Time Sampled	Time Analyzed	Sample Type*	Number of Containers	Analysis Required**	Water Quality Parameters: pH	Temp	Flow		GPU ID #
MP-1	1-9-89	10:45		B	1						045103
MP-2	1-9-89	11:10		B	1						045104
MP-3	1-9-89	11:20		B	1						045105
MP-4	1-9-89	11:30		B	1						045106
MW-10	1-9-89	11:55		P	1						045107

(30)

COMMENTS:

ABNORMAL CONDITIONS:

WEATHER CONDITIONS:

* SAMPLE TYPE

G = Grab
B = Bailer
C = Composite
P = Pump

Relinquished by: (Sampler Signature) BB Date 1/9/89 Time 14:34

Received by: (Signature) Floyd R Duncan Date 1-9-89 Time 14:34

Relinquished by: (Signature) [signature] Date 1/9/89 Time 16:00

Received for Laboratory by: (Signature) [signature] Date 1-12-89 Time

COPIES: WHITE - Lab Report to Station
YE[illegible] - Lab Report to Environmental Affairs
PI - Samplers Copy

** If this form is accompanied by a GPU Analytical Services Request, do not complete this se n.

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT
- ☐ LEGAL ACTION
- ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On February 7, 1989, the attached Executive Summary was sent to Mr. Herbein with copies to H. M. Class, Jr., R. C. Conrad, A. S. Furmanchik, Jr., J. L. Greco, J. Knubel, and R. L. Wise.

5416U

7. ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

DATE/TIME PREPARED: 2-7-89 11:00 a.m.

10. FOLLOW-UP ACTION RECOMMENDED: ☒ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

MS-86 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

305

PERSONAL AND CONFIDENTIAL

INTER-OFFICE MEMORANDUM

Penelec / GPU

DATE February 7, 1989

FROM Andrew E. Mollura
TITLE Internal Affairs - Manager
PHONE Ext. 8974

LOCATION Johnstown, EMC-1

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 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 Charles A. 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, Cam Imhoff (deceased),

who was the Manager of Station Operations, and questioned him about the activity. Mr. Imhoff 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. Imhoff, 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 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.

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 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

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On February 9, 1989, the attached "Upon Inquiry News Release" was received by me pertaining to the results of this investigation.

5433U

☐ UNFOUNDED ☐ CLEARED
☒ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT, TYPE & SIGN): Andrew E. Mollura A E Mollura | EMPLOYEE NO.: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9. DATE/TIME PREPARED: 2-9-89 4:30 p.m.

10. FOLLOW-UP ACTION RECOMMENDED: ☒ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

MS-85 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

309

INTER-OFFICE MEMORANDUM

CONFIDENTIAL

DATE February 8, 1989

Penelec / GPU

FROM Paul Abram
TITLE Media Relations Manager
PHONE 8296

LOCATION Johnstown

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
PAUL ABRAM

8965C/pta

cc: C.A. BURKETT (with attachment)
R.W. CONRAD (with attachment)
J.G. HERBEIN (with attachment)
J.A. JOHNSON (with attachment)
M.M. O'DONOVAN (with attachment)
R.L. WISE (with attachment)

CONFIDENTIAL

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 and GPU Nuclear Corp.

The Saxton station site is in Bedford 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

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On February 13, 1989, a copy of this investigation, up to and including the supplement report dated February 7, 1989, was delivered to Mr. Wise for his review.

On February 14, 1989, I met with Mr. Wise and Mr. Herbein (separately) and discussed this investigation. Mr. Herbein reviewed this report, in part. Both individuals indicated that the report should be sent to GPUNC for review.

Attachment I is a copy of a letter sent by Dr. Greco to the DER, informing the agency of the results of this investigation.

Mr. BB was recontacted on February 14, 1989, and questioned pertaining to the two demineralizers sent to the Williamsburg Station from Saxton. The demineralizers were housed in the Saxton Station, however, they serviced the water used for generation at SNEC. Mr. BB ndicated that the demineralizers were sent to Williamsburg in 1974 and the old resin was removed and probably placed in black barrels and buried in the ash site. On August 11, 1975, one of the two demineralizers was removed from service due to a leak. Following the repair of the demineralizer, it was placed back into operation. During the repair, the resin was removed and replaced with new resin. Mr. BB feels that the resin was disposed of in the same manner as it was during the 1974 resin replacement.

Attachment II is a memo from T. D. Horton to AA , dated August 15, 1975, regarding the repair of the demineralizer on August 11, 1975.

5449U

7. ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

DATE/TIME PREPARED: 2-14-89 4:40 p.m.

10. FOLLOW-UP ACTION RECOMMENDED ☒ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

MS-BB 1288

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

3/2

ATTACHMENT I

Penelec / GPU

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 Waste Manager
Bureau of Solid Waste Management
Department of Environmental Resources
One Ararat Boulevard
Harrisburg, PA 17110

Dear Mr. Steiner:

As we discussed last week, Penelec has completed its investigations into the allegations 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

ATTACHMENT 11

OO

PENNSYLVANIA ELECTRIC COMPANY

INTER-OFFICE MEMORANDUM Keep in general file for record purposes.

DATE August 15, 1975
OFFICE Williamsburg Station

SUBJECT Demineralizers

TO AA

Cation No. 1

On August 11 this unit was taken out of service because of a leak in the lining. Leak was repaired by welding. The leak was so located that the heat would not hurt the lining. After welding, area was covered with Devoe Urethane putty.

Cation No. 1 was then loaded with ten (10) cu. ft. IR-122 resin.

Anion No. 1 was loaded with five (5) cu. ft. of [illegible] topped with five (5) cu. ft. of IRA-93.

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

Note: The urethane will have a 48-hr. cure before regeneration steps are started.

T. D. Morton

TDM:dkm

FEB 1989
RECEIVED
INTERNAL AFFAIRS

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT
- ☐ LEGAL ACTION
- ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On February 15, 1989, two copies of this report were sent to Mr. Knubel by over night mail.

In view of the fact that all avenues of investigation have revealed no information, or physical evidence, to substantiate the statement made by Mr. AA , it is being concluded that this investigation will be terminated at this time. However, pending the review of this report by Mr. Knubel and the NRC, block #10 will continue to indicate "yes" until such time that any possible questions by Mr. Knubel and/or the NRC have been satisfied.

5456U

☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A E Mollura | EMPLOYEE NO.: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9. DATE/TIME PREPARED: 2-16-89 4:00 p.m.

10. FOLLOW-UP ACTION RECOMMENDED: ☒ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

MS-86 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

315

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On March 14, 1989, I received a telefax of a memo prepared by Mr. Auger, dated March 14, 1989. The memo, attached to this report, indicates that Mr. Auger met with Messrs. A. Weadock (NRC I&E Radiation Specialist) and A. Adams (NRC NRR Project Manager - Saxton). A review of the investigative report was made by Mr. Auger at which time Messrs. Weadock and Adams indicated that they were satisfied with the conclusions of the investigation. The individuals advised Mr. Auger that they did not want to review the report but requested that GPUNC retain a copy of the report at the Emergency Off-site Facility Building in Harrisburg, PA for review during some future NRC audit of Saxton.

Messrs. Cathcart, Class, Greco, Herbein, Furmanchik, and Wise were sent copies of the attached memorandum. Mr. Stock was notified by telephone of the contents of the memorandum on March 14, 1989.

In view of the fact that all avenues of investigation have been exhausted and the investigation has been reviewed with Penelec and GPUNC managements and representatives of the NRC, this investigation will be closed. Should any additional information be received in the future which would require aid in this investigation, this report will be reopened and the proper supplement reports will be submitted.

5592U

7. ☐ UNFOUNDED ☒ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A E Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9. DATE/TIME PREPARED: 3-14-89 10:45 a.m.

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☒ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

MS-89 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

316

GPU Nuclear

Memorandum

Subject: NRC 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 7966

/lml

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

317

M78948 (06-86)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE / SEX / DOB / AGE / HEIGHT / WEIGHT / HAIR / EYES / SOCIAL SECURITY NO

IF PENELEC EMPLOYEE — WORK LOCATION / POSITION / EMPLOYEE NO / SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On March 27, 1989, I received Attachment I from Mr. Knubel pertaining to the integrity of a steel drum, which has been buried in an ash pit since the time this incident allegedly occurred. The attachment is a detailed report of an investigation conducted into the integrity of steel drums should they have been buried in an ash site for 15 years, based on certain assumptions. The results of the investigation indicate a low probability that any container would remain intact beyond 10 years of exposure in this type of an environment.

Attachment II is a copy of a memo sent to the DER by Mr. Greco, containing information of the review of this investigation with the NRC.

5624U

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE NAME): Andrew E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

9 DATE/TIME PREPARED: 3-27-89 1:20 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☒ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 1

ME-85 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

318

GPU Nuclear

Memorandum

ATTACHMENT I

Subject: Corrosion of a Steel Drum in a Fly Ash Pit

Date: March 9, 1989

From: S. M. French
Materials Engineer

Location: Reading Airport
5343-89-0089

To: 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 and 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 Rates (mpy) Best Case	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

N70648 (06-88)

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
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.

Stephen M. French

S. M. French
Extension 5034

J. A. Janiszewski

Reviewed by: J. A. Janiszewski
Extension 5116

JAJ/sdm

References

1. 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.

cc: 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

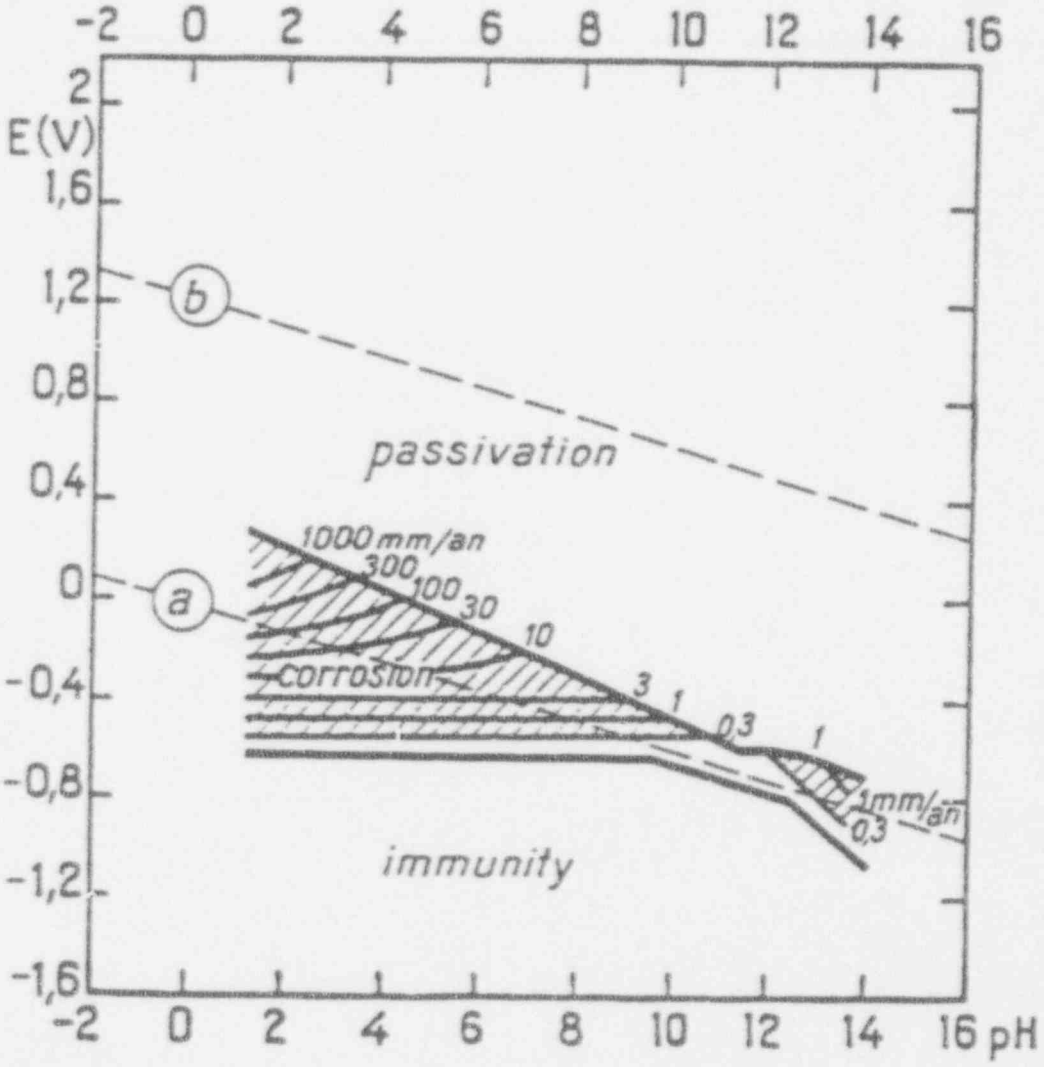

Figure 1

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).

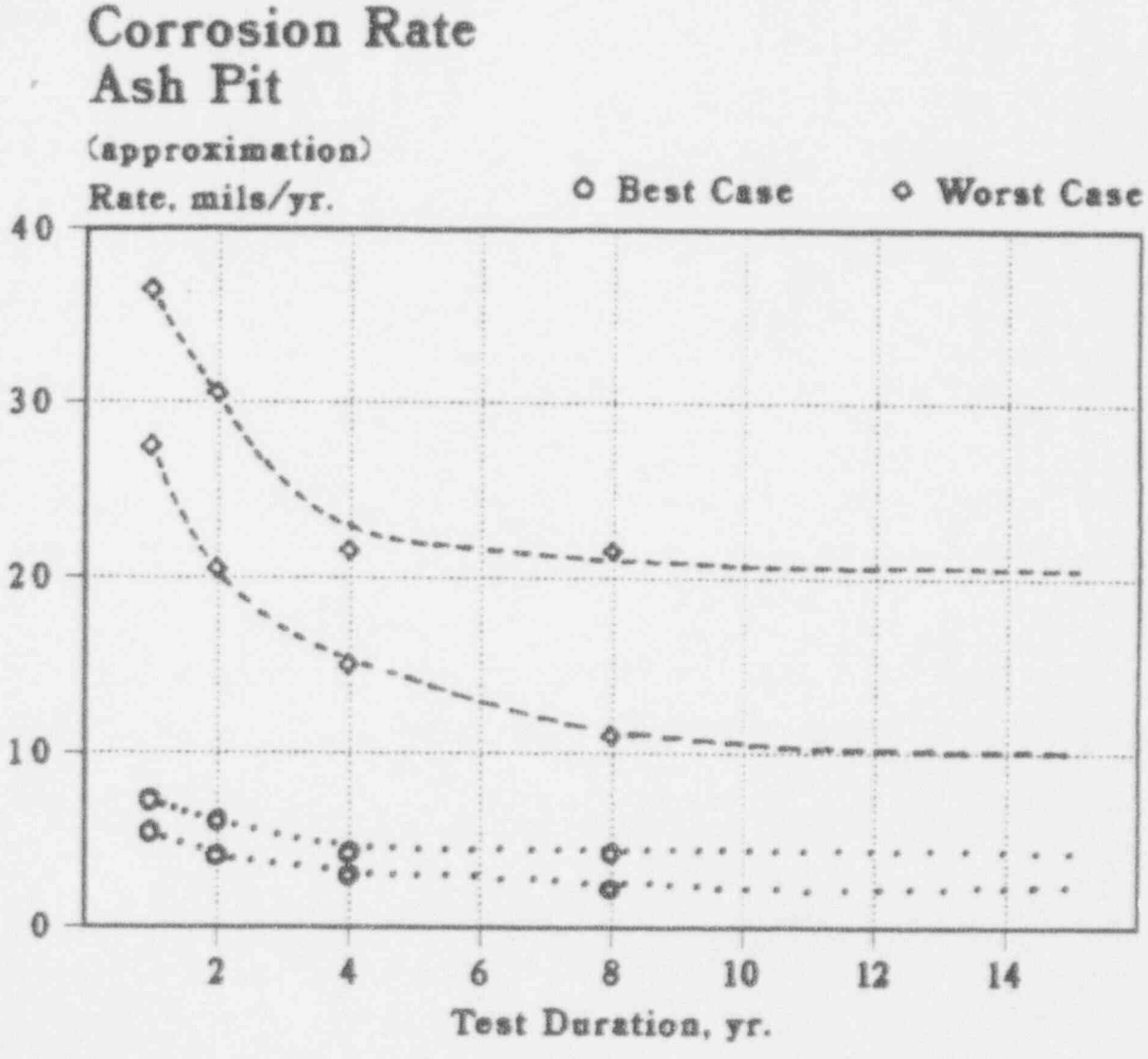

Figure 2

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 sitaution 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 Affairs

trl

bcc: E. R. Cathcart
J. G. Herbein
[redacted]

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On May 24, 1989, Curt Cowgill, NRC, Section IA, Chief Reactor Projects, 475 Allendale Road, King Of Prussia, Pennsylvania, telephone number 215-337-5128, contacted this writer. Mr. Cowgill requested a review of this incident. This writer could not conduct a detailed review with Mr. Cowgill due to another meeting which had to be attended; however, I informed Mr. Cowgill that I could recontact him and conduct any review necessary at a later time. Mr. Cowgill indicated that he would contact John Kline, from GPUNC, and if additional contact was necessary with this writer he would do so at a later date.

5934U

7. ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

9. DATE/TIME PREPARED: 5-25-89 12:05 p.m.

10. FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS)

12. PAGE 1 OF 1

IAS-86 1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(324)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT ☐ LEGAL ACTION ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—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. Cowgill. No additional action was indicated by Mr. Cowgill.

5934U

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8574

9 DATE/TIME PREPARED: 5-25-89 12:10 p.m.

10 FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☒ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 1

MS-88 1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE): ADDRESS: PHONE

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On June 1, 1989, the attached memorandum, dated May 30, 1989, was received from J. P. Kline relative to his conversations with Mr. Cowgill, NRC, pertaining to this investigation.

5963U

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

9 DATE/TIME PREPARED: 6-1-89 3:00 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS): X

12 PAGE 1 OF 1

MS-86 1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

326

GPU Nuclear

Memorandum

Subject: CONVERSATIONS WITH USNRC
RE: BURIED DRUMS AT WILLIAMSBURG

Date: May 30, 1989

From: J. P. Kline - Security Analyst III

Location: 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 (Peneloc 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 briefed them of the investigation results. They (McGoey and Auger) also offered a copy of the full report to the NRC at that time. However, they (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.

1. 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 <u>was</u> 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

320

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On June 1, 1989, Mr. Knubel met with Mr. Cowgill and reviewed this investigation. Mr. Knubel then presented a copy of this investigative report to Mr. Cowgill for further review. As of the date of this writing, Mr. Cowgill has not contacted anyone at GPUSC regarding the results of his review. At the time Mr. Cowgill does make contact, a supplement report will be submitted.

On June 28, 1989, Mr. Stock and Merrill Wixon, Vice President GPU Auditing, met with John Dial, of the Pennsylvania Public Utility Commission (PUC) Auditing Department, in Harrisburg, Pennsylvania. Mr. Dial indicated to both individuals that approximately two weeks ago Mr. AA appeared before the Commission's law bureau and gave a statement relative to alleged wrongdoings which have occurred at Penelec in the past. Included in the statement were comments relative to this investigation. The exact comments were not disclosed by Mr. Dial. Mr. Stock and Mr. Wixon reviewed this investigation with Mr. Dial and presented the Executive Summary (attached to Supplement Report prepared on February 7, 1989) for Mr. Dial's review. Mr. Dial initially indicated that he was satisfied with the results of this investigation.

Should any additional information be received relative to any inquiry the PUC may have, a supplement report will be submitted.

026.AEM

☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A E Mollura

EMPLOYEE NO: 8059

WORK LOCATION: EMC-1

WORK PHONE: 8974

9 DATE/TIME PREPARED: 6-29-89 11:00 a.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☒ NO

11 REVIEWED BY (INTERNAL AFFAIRS): AA

12 PAGE 1 OF 1

MS-85 1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On August 8, 1989, Mr. Knubel contacted me and advised that the copy of this investigation, which was given to Mr. Cosgill for review, is being returned to Mr. Knubel. He further advised that the NRC reviewed the investigation, in its entirety, and concurs with the findings. Mr. Knubel indicated that the NRC is not taking any further action relative to this incident and officially considers the matter closed.

Messrs. Claar, Wise, Purmanchik, Greco, Cathcart, Stock, and Herbein were notified, by this writer, of the above information.

Mr. Knubel was advised, by this writer, that Mr. AA contacted the PUC relative to this investigation and that the PUC concurs with the results of the investigation.

102.AEM

☐ UNFOUNDED ☐ CLEARED ☑ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8874

9 DATE/TIME PREPARED: 8-8-89 4:00 p.m.

10 FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS): AA

12 PAGE 1 OF 1

MS 85 1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

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Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

NAME (LAST, FIRST, MIDDLE):

ADDRESS:

PHONE:

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

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 Union, Local #459. Mr. Meo indicated that he had received information, from an unnamed source, that radioactive waste material was buried along the river near the Williamsburg 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 time he confirmed his conversation with Mr. Herbein and the information that he gave Mr. Herbein, as listed in the previous paragraph. Mr. Meo indicated that he did not wish to disclose his source of information; however, will attempt to obtain more information, which he will pass along to this writer. Mr. Meo was advised by this writer that this investigation was conducted as a result of a previous allegation at the Williamsburg Station. Mr. Meo was assured that the investigation revealed no evidence of any radioactive material being buried at the Williamsburg location.

Regarding Mr. Meo's statement relative to Mr. Herbein having knowledge of 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 conducted along the river bank near the 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.

544.AEM

☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura

EMPLOYEE NO: 9059

WORK LOCATION: EMC-1

WORK PHONE: 8974

9 DATE/TIME PREPARED: 6-22-90 2:40 PM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-BS 1284

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

331

GPU Nuclear

Memorandum

CONFIDENTIAL

Subject: ALLEGATION

Date: June 22, 1990
A400-90-257

From: J. Knubel - Nuclear Security Director

Location: Morris Corp. Center

To: J. Hildebrand - Director, 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 this is a restatement of an allegation made by Mr. AA in late 1988 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. Mollura'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.

JIM 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)

338

CONFIDENTIAL

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On June 28, 1990, the attached Upon-Inquiry-Only Statement was released by Paul Abram, Media Relations Manager, Penelec. The statement contains information pertaining to the allegation that debris from the Barton Nuclear Station was buried along the river, adjacent to the Williamsburg Generation Station.

554.AEM

7 ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A E Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9 DATE/TIME PREPARED: 6-29-90 3:00 PM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-88-1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

232

INTER-OFFICE MEMORANDUM

Penelec / GPU

DATE June 28, 1990

FROM Paul Abram
TITLE Media Relations Manager
PHONE 8296

LOCATION Johnstown

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.

Paul Abram
Paul Abram

cc: C.A. Burkett (with attachment)
J.F. Furst (with attachment)
CC (with attachment)
J.G. Herbein (with attachment)
J.A. Johnson (with attachment)
A.A. Slowik (with attachment)
R.L. Wise (with attachment)

Penelec . . . people with energy for you

MS-11 Rev 6/83

334

June 28, 1990

Upon-inquiry-only statement re allegations of burial of debris from old Saxton Nuclear Station along the river at Williamsburg 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.

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT ☐ LEGAL ACTION ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On July 6, 1990, Ms. Good contacted this writer by telephone and stated that she notified Francis Young, NRC Senior Resident Inspector at TMI, of the latest information relative to items being buried along the riverbank at Williamsburg. Ms. Good advised that she told Mr. Young that he will be kept abreast of all information relative to this latest allegation.

A meeting was established at the Williamsburg Station for July 12, 1990, at which time a walk down of the riverbank will be conducted. A supplement report will be submitted relative to the findings.

Mr. Herbein was advised of the above information on July 6, 1990.

556.AEM

7 ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura | EMPLOYEE NO: 059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9 DATE/TIME PREPARED: 7-6-90 10:55 AM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-85 1284

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT ☐ LEGAL ACTION ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE): ADDRESS: PHONE:

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On July 12, 1990, the following investigation was conducted.

Ms. Good; Ronald Rolph, SNEC Radiation Safety Officer; Donald A. Goodman, Environmental Scientist Senior I; and this writer met with Mr. BB at the Williamsburg Station. A radiological survey of the riverbank on the west side of the Frankstown branch of the Juniata River was conducted by Ms. Good and Mr. Rolph. A walk down of the riverbank from the upstream river monitoring station to the end of the lower ash pond, using sensitive portable radiation detectors, did not reveal any unacceptable background radiation levels, according to Ms. Good. A detailed report will be submitted by Ms. Good relative to the results of the survey.

One water sample was taken by Ms. Good from a drainage culvert along the west bank of the river. The water will be analyzed and the results will be reported by Ms. Good.

Ms. Good directed that water samples will be taken from all water monitoring sites on the Williamsburg Station property. It should be noted that there are water monitoring wells along the west bank of the river. Ms. Good advised Mr. BB that she will be sending water bottles for the samples to the Williamsburg Station. Upon receipt of the water bottles, Mr. BB indicated that samples will be taken and immediately returned to Ms. Good for analysis.

Mr. Abram was advised of the above information and will be supplementing the Upon-Inquiry-Only Statement.

A review of the information was made with Mr. CC following the survey.

562.AEM

☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A E Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9 DATE/TIME PREPARED: 7-13-90 12:05 PM

10 FOLLOW-UP ACTION RECOMMENDED ☒ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS): RF

12 PAGE 1 OF 1

MS 85 12M

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

337

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

NAME (LAST, FIRST, MIDDLE):

ADDRESS:

PHONE:

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On July 13, 1990, the attached Upon-Inquiry-Only Statement was issued by Mr. Abram. The statement reports the events which occurred at the Williamsburg Station on July 12, 1990.

Mr. Herbein was apprised of the July 12, 1990, activity on July 13, 1990.

562.AEM

☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura

EMPLOYEE NO: 9059

WORK LOCATION: EMC-1

WORK PHONE: 8974

9 DATE/TIME PREPARED: 7-13-90 1:00 PM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 1

MS 85 1288

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

INTER-OFFICE MEMORANDUM

Penelec / GPU

DATE July 13, 1990

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 Abram

Paul Abram

cc: C.A. Burkett (with attachment)
H.M. Class (with attachment)
J.F. Furst (with attachment)
J.G. Herbein (with attachment)
J.A. Johnson (with attachment)
A.E. Mollura (with attachment)
R.R. Spaulding (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.

340

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On August 28, 1990, Ms. Good was contacted by this writer. Ms. Good advised that water samples from the Williamsburg Station were tested. The results of the test were consistent with natural background radioactivity and radiation.

Kenneth Pastor, who has replaced Mr. Knubel as the GPUNC Director of Security, was advised of this investigation and the results of the water tests on August 28, 1990. When the documentation relative to the water testing is received, Mr. Pastor will be forwarded all information. Mr. Pastor advised that he will coordinate with Ms. Good relative to the notification of the NRC on the results of this latest investigation.

601.AEM

7 ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

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

EMPLOYEE NO: 059

WORK LOCATION: EMC-1

WORK PHONE: 8974

9 DATE/TIME PREPARED: 8-28-90 3:00 PM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 1

MS-86 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

34

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On September 25, 1990, the attached memorandum, with attachments, dated September 20, 1990, from Ms. Good, was received. The memo confirmed that all radiation measurements and environmental samples, which were taken at Williamsburg on July 12, 1990, were consistent with natural background radiation and radioactivity.

On September 27, 1990, Kenneth Fix, Manager - GPU Auditing Department, was advised of the status of this investigation.

On September 28, 1990, Ms. Good advised that she will notify representatives of the NRC of the status of this investigation. Ms. Good indicated that she will re-contact this writer when the notification is completed. Mr. Abram was also notified and sent a copy of Ms. Good's memo for reference, should he develop an upon-inquiry statement relative to the status of this investigation. Mr. Herbein was also notified this date.

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A E Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9 DATE/TIME PREPARED: 9-28-90 3:55 PM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS 85 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

383

GPU Nuclear **Memorandum**

SEP 1990 RECEIVED

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, Penelec

The following information is enclosed:

1. Analysis results of monitoring well water samples taken from the Williamsburg site.
2. Maps of the monitoring well locations.
3. Radiological survey results of the Williamsburg site.
4. 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

SURVEY INFORMATION

Location: Williamsburg Generating Station

Reason: Investigation

Date: 7-13-90 Time: 1500

Tech: R.G. Ralph

Reviewed By: C. Clary

INSTRUMENT DATA

CONTAMINATION SURVEY N/A

Inst	Inst
S/N	S/N
Cal. Due	Cal. Due
Eff	Eff
Bkg	Bkg
Mdc	Mdc
Tech	

RADIATION SURVEY

Inst: Ludlum 19	Inst: Ludlum 19
S.N.: 64114	S.N.: 64111
Cal. Due: 7-23-90	Cal. Due: 7-23-90
B.C.F.: N/A	B.C.F.: N/A
Tech: R.G. Ralph	

Notes: Radiation in MR/Hr unless otherwise noted. Dose rates are general area unless otherwise noted.

AIR SAMPLE N/A

Date: Time:

Activity:

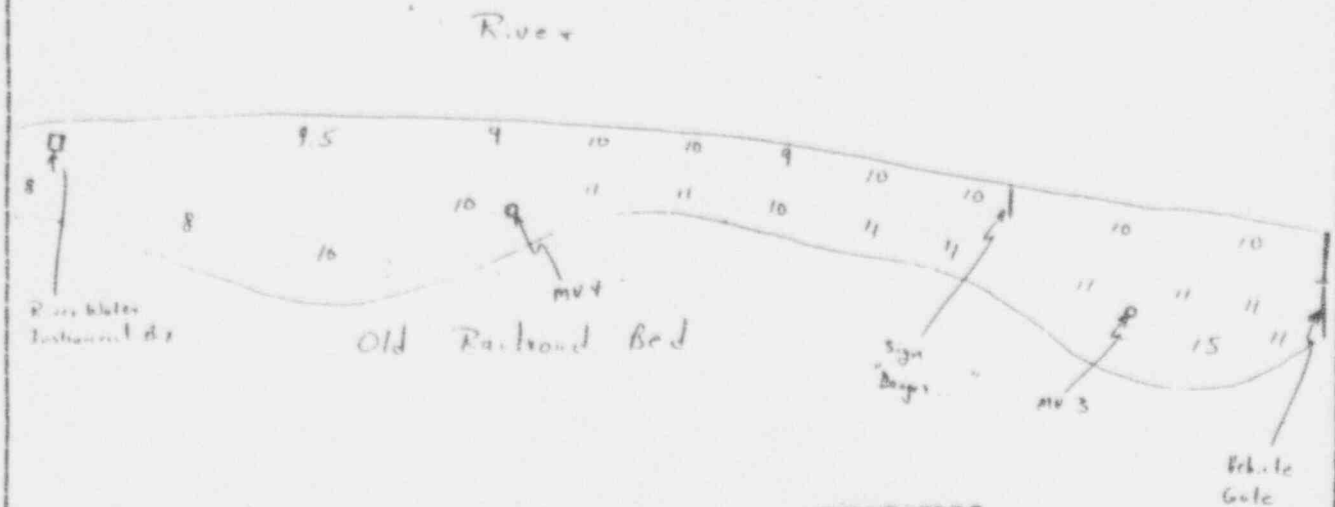
Notes:
0 = Contact Reading
|_| = Smear Location
Contamination results in DPM/100 CM² unless otherwise noted

File Code Number: 600 90 - 0062

Smearable Contamination

Location	BK	CM	Comments

Remarks: Note: All readings in MR/Hr.



ORIGINAL

0413/178

(345)

RADIOLOGICAL SURVEY

SURVEY INFORMATION

Location: W. Hempstead Generating Station

Reason: Investigation

Date: 7-13-90 Time: 1500

Tech: RG Ralph

Reviewed By: [illegible]

INSTRUMENT DATA

CONTAMINATION SURVEY N/I		RADIATION SURVEY	
Inst	Inst	Inst Ludlum 19	Inst Ludlum 19
S/N	S/N	S.N. 64194	S.N. 64191
Cal. Due	Cal. Due	Cal. Due 7-23-90	Cal. Due 7-23-90
Eff	Eff	B.C.F. N/A	B.C.F. N/A
Bkg	Bkg	Tech RG Ralph	
Mdc	Mdc		
Tech			

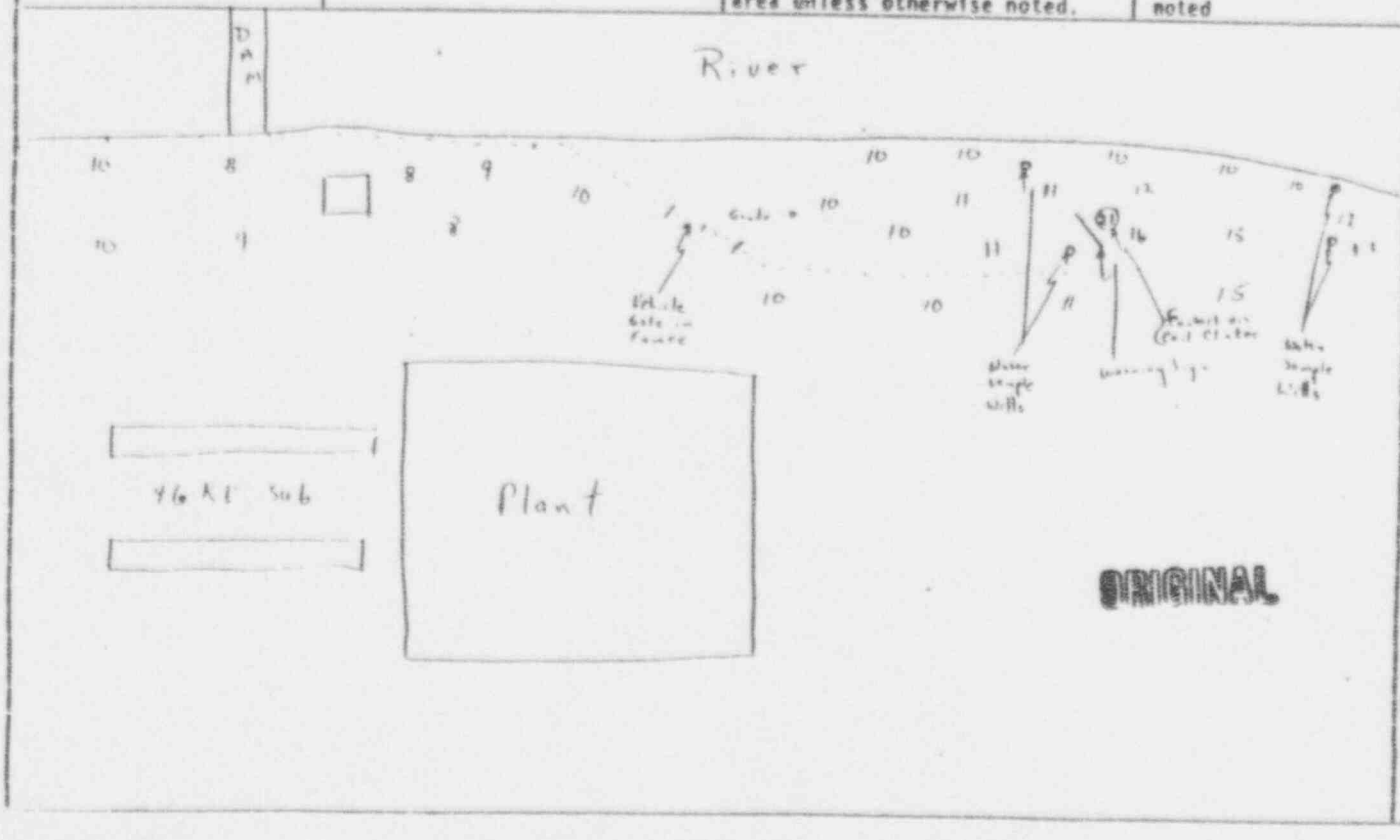
Notes: Radiation in MR/HR unless otherwise noted. Dose rates are general area unless otherwise noted.

AIR SAMPLE N/I

Date Time

Activity

Notes:
0 = Contact Reading
|_| = Smear Location
Contamination results in DPM/100 CM^2 unless otherwise noted



ORIGINAL

File Code Number: 600-90-0063

Smearable Contamination

Location	dpm	cpm	Comments

Remarks: Note: All readings in MR/Hr

0413/178

(240)

GPU Nuclear

18-JUL-90

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

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

REPORT OF ANALYSIS

Sample Type: **SOLIDS**
Analysis Type: **Gamma spectrometry of Dried Solids**

GPU ID	STATION ID	COLLECTION	RESULTS IN pCi/gm(dry) +/- 2s
053310	SP-WMB-SD-DI	Start: 071290 13:50 Stop: 071290 13:50	

Sediment Sample from thedrainage pipe of the Old Ash Disposal Site that discharges to the Juniata River.

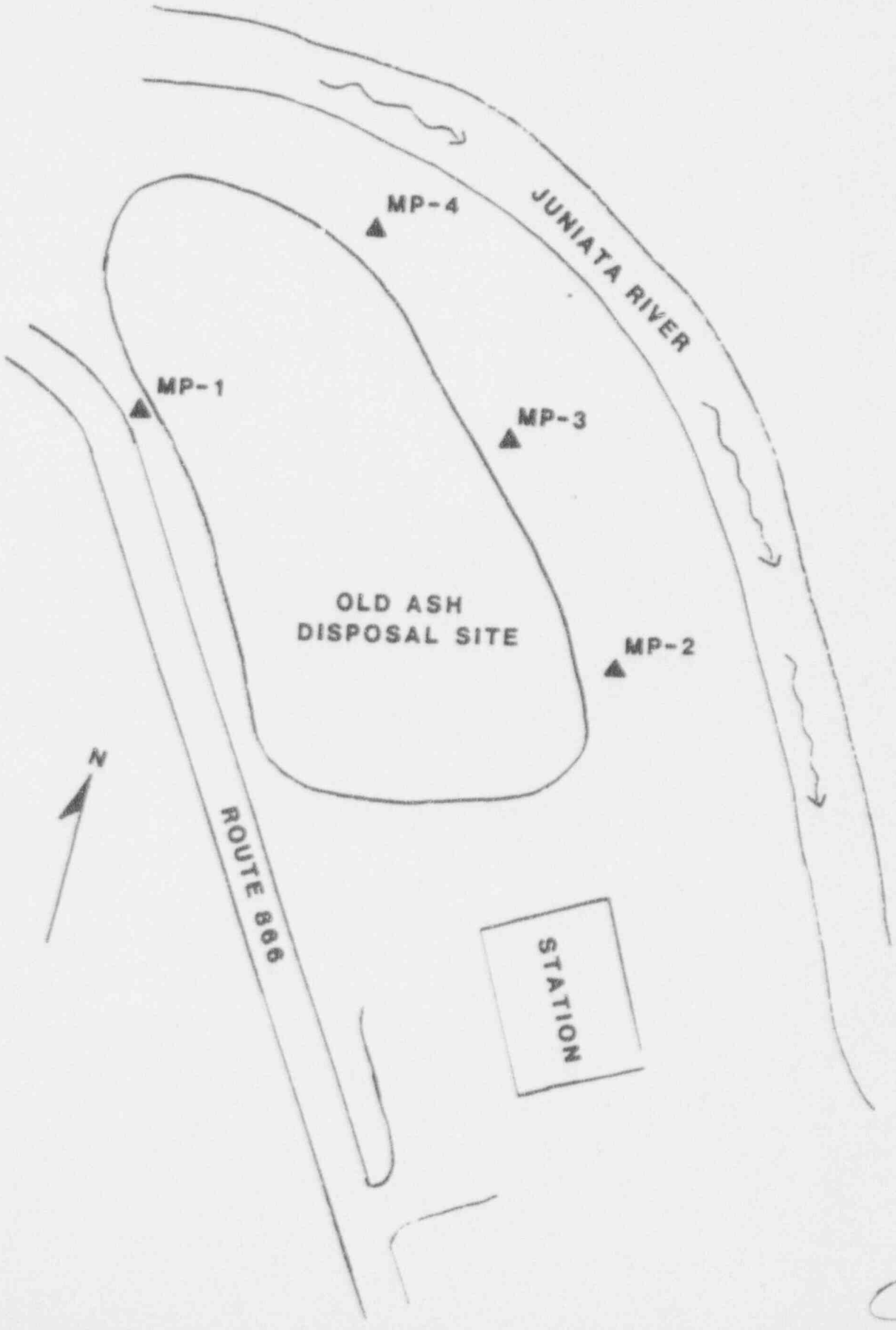
AC-228	1.3 +/- 0.1
AG-110M	Less Than 0.07
BE-7	0.55 +/- 0.17
CO-58	Less Than 0.04
CO-60	Less Than 0.04
CS-134	Less Than 0.06
CS-137	0.30 +/- 0.04
I-131	Less Than 0.04
K-40	17 +/- 2
MN-54	Less Than 0.04
NB-95	Less Than 0.05
RA-226	3.1 +/- 0.4
U-235	Less Than 0.18
ZN-65	Less Than 0.19
ZR-95	Less Than 0.07

Approved: Raymond J. Danany Date: 7/19/90
Dr. Raymond J. Danany
Environmental Radioactivity Laboratory Manager

REMP Reviewed: [illegible] 8-28-90

347

FIGURE 3A
OLD ASH DISPOSAL SITE
MONITORING WELL LOCATION DIAGRAM



GPU Nuclear

17-AUG-90

Environmental Radioactivity Laboratory
2574 Interstate Drive
Harrisburg, PA 17110
Writer's Direct Dial Number: 717-540-6514

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/l +/- 2s	
053757	WS-GW-OASMP1 *	Start: 072390 13:00 Stop: 072390 13:00		
	Old Ash Disposal Site Well, MP-1		CO-60	Less Than 4
			CS-134	Less Than 4
			CS-137	Less Than 3

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: [illegible] 8-28-90

349

GPU Nuclear

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/l +/- 2s	
053759	WS-GW-OASMP2 *	Start: 072390 13:00 Stop: 072390 13:00		
	Old Ash Disposal Site Well, MP-2		CO-60 CS-134 CS-137	Less Than 4 Less Than 4 Less Than 3

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: [illegible] 8-28-90

3SD

GPU Nuclear

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/l +/- 2s	
053762	WS-GW-OASMP3 *	Start: 072390 13:00 Stop: 072390 13:00		
	Old Ash Disposal Site Well, MP-3		CO-60 CS-134 CS-137	Less Than 4 Less Than 4 Less Than 4

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: [illegible] 8-28-90

351

GPU Nuclear

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/l +/- 2s	
053764	WS-GW-OASMP4 *	Start: 072390 13:00 Stop: 072390 13:00		
	Old Ash Disposal Site Well MP-4		CO-60 CS-134 CS-137	Less Than 4 Less Than 4 Less Than 4

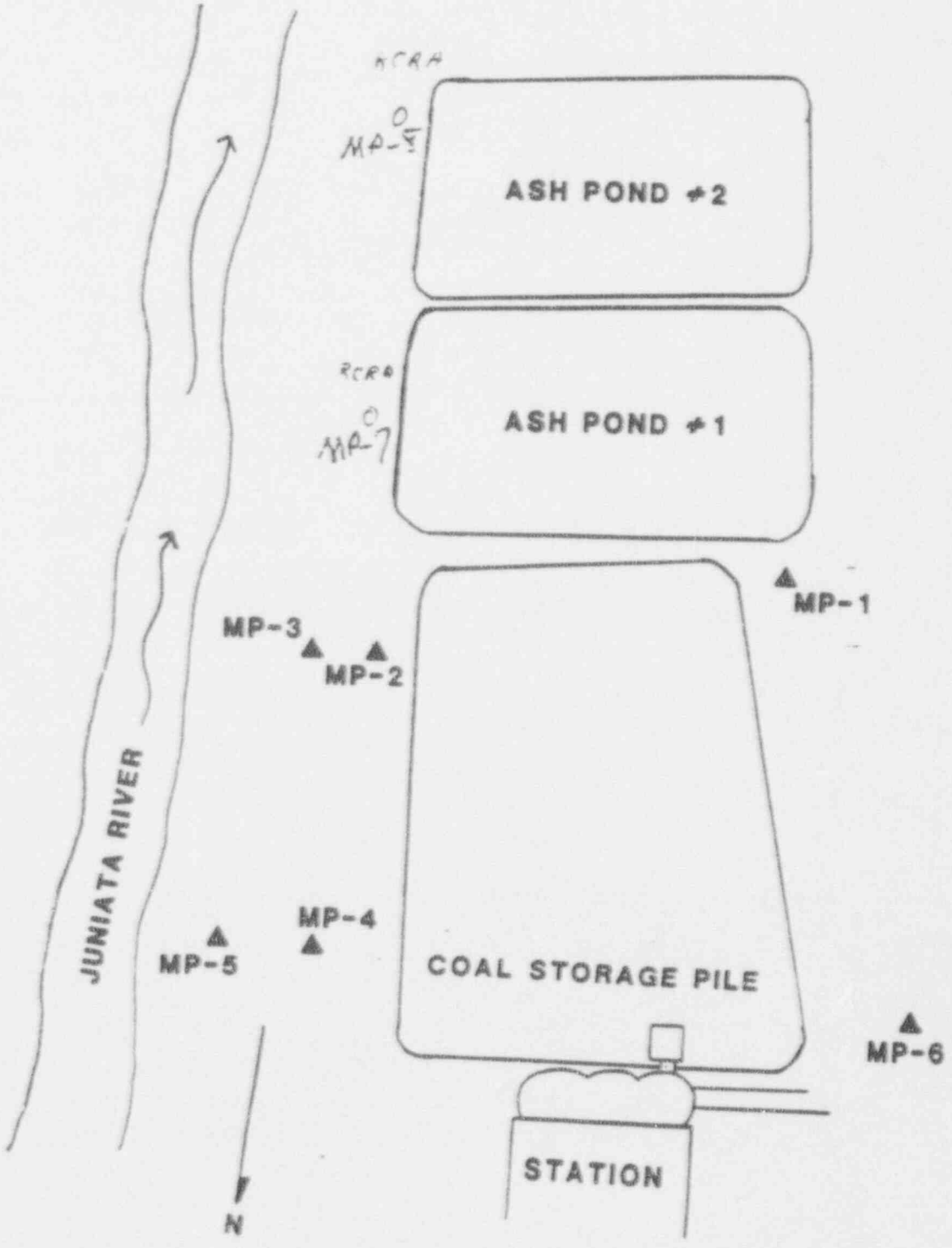
* Sample collected by personnel at PENELEC'S Williamsburg Station.

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: LGA 8-28-90

35a

FIGURE 3E
COAL STORAGE PILE
MONITORING WELL LOCATION DIAGRAM



GPU Nuclear

17-AUG-90

Environmental Radioactivity Laboratory
2574 Interstate Drive
Harrisburg, PA 17110
Writer's Direct Dial Number: 717-540-6514

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/l +/- 2s	
053756	WS-GW-CPSMP1 *	Start: 072390 13:00 Stop: 072390 13:00		
	Coal Storage Pile Well, MP-1		CO-60	Less Than 3
			CS-134	Less Than 3
			CS-137	Less Than 3

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: AE.H 8-27-90

(354)

GPU Nuclear

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/l +/- 2s	
053758	WS-GW-CPSMP2 *	Start: 072390 13:00 Stop: 072390 13:00		
	Coal Storage Pile Well, MP-2		CO-60	Less Than 3
			CS-134	Less Than 3
			CS-137	Less Than 2

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: KEA 8-24-90

355

GPU Nuclear

17-AUG-90

Environmental Radioactivity Laboratory
2574 Interstate Drive
Harrisburg, PA 17110
Writer's Direct Dial Number: 717-540-6514

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/l +/- 2s
053760	WS-GW-CPSMP3 *	Start: 072390 13:00 Stop: 072390 13:00	
			CO-60 Less Than 4
			CS-134 Less Than 5
	Coal Storage Pile Well, MP-3		CS-137 Less Than 4

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: KEA 8-28-90

350

GPU Nuclear

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/l +/- 2s
053761	WS-GW-CPSMP3 *	Start: 072390 13:00	
DUPLICATE ANALYSIS		Stop: 072390 13:00	
			CO-60 Less Than 3
	Coal Storage Pile Well, MP-3		CS-134 Less Than 3
			CS-137 Less Than 3

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: 8-28-90

357

GPU Nuclear

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/l +/- 2s	
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 PENELEC'S Williamsburg Station.

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: DEA 8-27-90

358

GPU Nuclear

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/l +/- 2s	
053765	WS-GW-CPSMP5 *	Start: 072390 13:00 Stop: 072390 13:00		
	Coal Storage Pile Well, MP-5		CO-60	Less Than 5
			CS-134	Less Than 5
			CS-137	Less Than 4

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: RJA 8-28-90

359

GPU Nuclear

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/l +/- 2s	
053766	WS-GW-CPSMP6 *	Start: 072390 13:00 Stop: 072390 13:00		
	Coal Storage Pile Well, MP-6		CO-60	Less Than 4
			CS-134	Less Than 3
			CS-137	Less Than 4

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: JEA 8-25-90

360

GPU Nuclear

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/l +/- 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
		CS-137	Less Than 3

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: DCA 8-28-90

361

GPU Nuclear

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/l +/- 2s
053768	WS-GW-AP-MP8 *	Start: 072390 13:00 Stop: 072390 13:00	
	Ash Pond Area Well	CO-60	Less Than 4
		CS-134	Less Than 4
		CS-137	Less Than 3

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

Approved: Raymond J. Danahy Date: 8/20/90
Dr. Raymond J. Danahy
Environmental Radioactivity Laboratory Manager

REMP Reviewed: LEG 8-28-90

363

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE): ADDRESS: PHONE:

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On October 2, 1990, the following investigation was conducted.

Mr. Pastor was advised of the results of the July 12, 1990, Williamsburg testing. Mr. Pastor advised that he received a copy of Ms. Good's memorandum and requested no further documentation, relative to this issue, at this time.

Mr. Wise was also notified of the results of Ms. Good's testing.

642.AEM

☐ UNFOUNDED ☐ CLEARED ☑ NOT CLEARED

7 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura

EMPLOYEE NO: 9059

WORK LOCATION: EMC-1

WORK PHONE: 8974

9 DATE/TIME PREPARED: 10-2-90 8:45 AM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS): RO

12 PAGE 1 OF 1

MS-86 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On October 3, 1990, the attached Upon-Inquiry-Only Statement was issued relative to this investigation.

Mr. CC and Mr. Meo were advised of the status of this investigation on October 3, 1990.

647.AEW

☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

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

EMPLOYEE NO: 9059

WORK LOCATION: EMC-1

WORK PHONE: 8974

9 DATE/TIME PREPARED: 10-3-90 4:15 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☒ YES ☐ NO

11 REVIEWED BY INTERNAL AFFAIRS

12 PAGE 1 OF 1

MS-88-1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

INTER-OFFICE MEMORANDUM

Penelec / GPU

DATE October 2, 1990

FROM Paul Abram
TITLE Media Relations Manager
PHONE 8296

LOCATION Johnstown

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 Abram
Paul Abram

cc: C.A. Burkett (with attachment)
E.R. Cathcart (with attachment)
H.M. Class (with attachment)
J.F. Furst (with attachment)
CC (with attachment)
J.G. Herbein (with attachment)
J.A. Johnson (with attachment)
R.R. Spaulding (with attachment)
R.L. Wise (with attachment)
B. Good (") 10/3/90 VIA U.S. MAIL

OCT 1990

MS-11 Rev 683

30

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 sampling 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 / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On October 11, 1990, Ms. Good contacted this writer and advised that Mr. Young requested this entire investigative report be forwarded to him for review.

Mr. Pastor was advised of the above information and that copies of supplement reports will be sent to him so that his copy of the investigative report will be current. Mr. Pastor advised that when he receives the supplement reports, he will forward the entire investigative report to Mr. Young for review.

647.AEM

7 ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT, TYPE & SIGN): Andrew E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

9 DATE/TIME PREPARED: 10-11-90 3:50 p.m.

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-88-1280

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3 of 7

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT
- ☐ LEGAL ACTION
- ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On October 19, 1990, Mr. Pastor was sent copies of pages 326 through, and including, 368 of this investigative report. These pages will supplement, and make complete, Mr. Pastor's copy of the report. Mr. Pastor was also sent a copy of the revised index for this report.

659 AFM

7. ☐ UNFOUNDED ☐ CLEARED ☒ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura | EMPLOYEE NO.: 8059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9. DATE/TIME PREPARED: 10-18-90 11:45 AM

10. FOLLOW-UP ACTION RECOMMENDED: ☒ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

MS-65 12/86

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
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36B

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT ☐ LEGAL ACTION ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On October 23, 1990, the following investigation was conducted.

Mr. Kline contacted this writer and advised that he received the additional supplement reports which were forwarded to Mr. Pastor. He stated that he will be forwarding the complete copy of this investigative report to Mr. Young for review.

An additional copy of this report, excluding the Chart of Significant Events, was forwarded to Mr. Kline, per his request.

668.AEM

☐ UNDED ☐ CLEARED
☐ CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura

EMPLOYEE NO: 9059

WORK LOCATION: EMC-1

WORK PHONE: 8974

DATE/TIME PREPARED: 10-23-90 11:10 AM

10. FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS)

12. PAGE 1 OF 1

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

MS-85.1286

369

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On December 12, 1990, this writer spoke with Mr. Young. Mr. Young advised that his office is no longer responsible for the Saxton facility. He further stated that the responsibility for that site was transferred to the Region I office of the NRC, located at 475 Allendale Road, King of Prussia, PA 19406. Mr. Young recommended that the office be contacted relative to the disposition of this investigation.

It should be noted that Mr. Young advised he reviewed this investigation and expressed no concerns.

728.AEM

☐ UNFOUNDED ☐ CLEARED ☑ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura | EMPLOYEE NO: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9 DATE/TIME PREPARED: 12-14-90 11:00 AM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-85 12/86

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
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370

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE / SEX / DOB / AGE / HEIGHT / WEIGHT / HAIR / EYES / SOCIAL SECURITY NO

IF PENELEC EMPLOYEE — WORK LOCATION / POSITION / EMPLOYEE NO / SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On December 13, 1990, this writer met with Mr. Pastor and advised him of the information received from Mr. Young on December 12, 1990. Mr. Pastor indicated that he will contact the King of Prussia NRC office relative to the disposition of this investigation. Mr. Pastor will contact this writer as soon as he receives information from the NRC's Region I office.

728.AEM

☐ FOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura

EMPLOYEE NO: 9059

WORK LOCATION: EMC-1

WORK PHONE: 8974

9 DATE/TIME PREPARED: 12-14-90 11:00 AM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS)

12 PAGE 1 OF 1

MS-85 12/88

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

371

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On December 18, 1990, Mr. Kline contacted this writer. Mr. Kline advised that Edward Pagan, Licensing Engineer, GPUNC, will contact the Region I office of the NRC. Mr. Pagan will advise the NRC of this investigation and will offer it for review. Mr. Kline indicated that he will recontact this writer as soon as the review is completed.

When Mr. Kline recontacts this writer, a supplement report will be submitted.

730 AEM

7. ☐ FOUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura | EMPLOYEE NO.: 3059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9. DATE/TIME PREPARED: 12-18-90 3:20 PM

10. FOLLOW-UP ACTION RECOMMENDED: ☒ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

MS-IA-1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

372

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT ☐ LEGAL ACTION ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 29, 1991, Mr. Knubel advised that he received information that the NRC has no concerns relative to the investigation that has been conducted, as of this date. Mr. Knubel will attempt to confirm this information and notify this writer of the NRC's official position and also the status of the reports, which were sent to the NRC for review.

A supplement report will be submitted when the information is received from Mr. Knubel.

752.AFM

7 ☐ FOUNDED ☐ CLEARED ☐ NOT CLEARED

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

EMPLOYEE NO: 8059

WORK LOCATION: EMC-1

WORK PHONE: 8974

9 DATE/TIME PREPARED: 1-29-91 9:30 AM

10 FOLLOW-UP ACTION RECOMMENDED ☒ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 1

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

MS 85-1286

273

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT ☐ LEGAL ACTION ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE): ADDRESS: PHONE:

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On March 18, 1991, this writer spoke with Mr. Knuble. Mr. Knuble advised that Mr. Pagon had made contact with a representative from the NRC. Mr. Knuble further stated that the NRC would not issue any documents relative to its official position on this investigation. However, an NRC representative verbally indicated that there were no concerns, on the part of the NRC, pertaining to this investigation. Mr. Knuble advised that Mr. Pagon will be forwarding correspondence relative to these facts.

786 AEM

7 ☐ ROUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura | EMPLOYEE NO: 059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

9 DATE/TIME PREPARED: 3-19-91 11:30 AM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 1

MS-86-1281

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

374

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1 INCIDENT NUMBER: 89-WM-2

2 TYPE OF INCIDENT: Other

3 DATE OCCURRED:

4 VICTIM:

5 SUSPECT — NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6 NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On April 15, 1991, the attached memorandum was received from Mr. Pagan relative to the NRC's review of this investigation. J. Roth, NRC, was contacted by Mr. Pagan on April 8, 1991. Mr. Roth had no comments relative to this investigation and stated that he is treating this issue as internal to Penelec. Mr. Roth further advised Mr. Pagan that it appears that Penelec did a reasonable job in handling the investigation.

A copy of the attachment was forwarded to Messrs. Wise, Herbein and Fix on April 15, 1991.

In view of the fact that all avenues of investigation have been exhausted and that the review has been completed by the NRC, this investigation will be closed. Should additional information be received, the investigation will be reopened with the proper reports submitted.

810.AEM

7 ☐ FOUNDED ☐ CLEARED ☐ NOT CLEARED

8 PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura — EMPLOYEE NO: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

9 DATE/TIME PREPARED: 4-15-91 3:45 PM

10 FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11 REVIEWED BY (INTERNAL AFFAIRS):

12 PAGE 1 OF 1

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

MS 85-1286

GPU Nuclear

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

To: 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

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On April 23, 1991, the attached memo was forwarded to Ira H. Jolles, GPU Executive Vice President and General Counsel.

815.AEM

7. ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura | EMPLOYEE NO.: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

DATE/TIME PREPARED: 4-23-91 11:00 AM

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☒ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

MS-85 1286

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

377

INTER-OFFICE MEMORANDUM

Penelec / GPU

DATE April 23, 1991

FROM A. E. Mollura
TLE Internal Affairs Manager
PHONE Ext. 8974

LOCATION Johnstown, EMC-1

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 a 1989 investigation which was conducted by Penelec's Internal Affairs Department.

In 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 concurred 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. Mollura

Andrew E. Mollura

attachment

cc w/o att: R. L. Wise

SERVICE IS GOOD BUSINESS

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM: Penelec

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On July 8, 1991, the following investigation was conducted.

At approximately 9:30 AM, VVV Director - Materials & Services, advised me that he was informed from WWW , Warehousing Manager, that QQ Seward Generating Station - Stores Supervisor, advised him that he knew where the radioactive material from the Saxton Station was buried. Mr. VVV indicated that Mr. WWW told him this on July 3, 1991, in the afternoon hours.

Mr. WWW was then asked to join Mr. VVV and me, at which time he confirmed what Mr. VVV told me. Mr. WWW went on to say that he was visiting Mr. QQ when Mr. QQ stated that if the Company does not retain him (Mr. QQ job has been eliminated in conjunction with Penelec's downsizing program), he will expose this information and other information of apparent wrongdoing.

This writer then recommended that Mr. QQ be interviewed immediately relative to this information. A meeting was set for 1:00 PM with Mr. QQ , Mr. VVV and me.

At 1:00 PM, Mr. QQ appeared in Mr. VVV office and met with Mr. VVV and me. Mr. QQ , who has been employed by Penelec for seven years, two years in his present position, related the following information.

During 1990, Mr. QQ spoke with "an old-timer" at the Williamsburg Station. Mr. QQ spoke about things that impacted Penelec's rates and the individual stated that radioactive material from the Saxton Nuclear Experimental Corporation was buried in Williamsburg's ash pile when Saxton was closed. Mr. QQ does not know the name of the Penelec employee, but believes that he was in the Maintenance Department. It is assumed that the individual retired when the station was closed. The conversation was shortly after XXX retired from

7. ☐ UNFOUNDED ☐ CLEARED ☐ CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura — EMPLOYEE NO.: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

9. DATE/TIME PREPARED: 7-11-91 4:25 PM

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☐ NO

11. REVIEWED BY INTERNAL AFFAIRS:

12. PAGE 1 OF 2

MS-86 12/88

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

379

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT
CONTINUATION REPORT

1. INCIDENT NUMBER
89-WM-2

Penelec, because Mr. XXX previously was the storekeeper responsible for the Williamsburg Station. Mr. 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. QQ

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.

JJ (Seward Clerk) was contacted this date by Mr. QQ and asked about the information on the Saxton burial. Mr. JJ was previously 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.

Deborah S. Costlow, Administrator I - Human Resources, was contacted and requested to search the Human Resources records relative to all bargaining unit individuals who retired from Williamsburg during 1990. Ms. Costlow 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

3. ON PREPARING REPORT (PRINT/TYPE & SIGN)
Andrew E. Mollura A. E. Mollura

4. REVIEWED BY (INTERNAL AFFAIRS)
80

5. PAGE
2 OF 2

MS-90 1284

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

(380)

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Voucher

3. DATE OCCURRED:

4. VICTIM: Penelec

ADDRESS:

PHONE:

5. SUSPECT

NAME (LAST, FIRST, MIDDLE)

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On July 12, 1991, Deborah P. Costlow, Administrator I - Human Resources, informed me that the following bargaining unit employees retired, in 1990, from the Williamsburg Station.

KK — Date of Retirement: 1-30-90

MM — Date of Retirement: 6-30-90

OO — Date of Retirement: 6-30-90

Attempts will be made to contact the three individuals to ascertain if any of them spoke with Mr. QQ relative to the alleged burial of radioactive waste at the Williamsburg Station. At the time the individuals are contacted, a supplement report will be submitted

W901 AEM

7. ☐ UNFOUNDED ☐ CLEARED
☐ CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A.E. Mollura

EMPLOYEE NO.: 9059

WORK LOCATION: EMC-1

WORK PHONE: 859

9. TIME PREPARED: 7-17-91 11:15 AM

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS)

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S F[illegible]
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

381

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: ...ber

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE / SEX / DOB / AGE / HEIGHT / WEIGHT / HAIR / EYES / SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE / WORK LOCATION / POSITION / EMPLOYEE NO. / SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On July 31, 1991, the following investigation was conducted.

Mr. KK who was a General Utility Person, with 14 years of service at retirement, was contacted by telephone at 1:20 PM. Mr. KK advised that he never spoke with, nor does he know, Mr. QQ He did state, however, that he heard that radioactive material from Saxton was buried at Williamsburg. He stated that he heard this information approximately two months ago from LL who is a former Penelec employee. Mr. KK indicated that he had no knowledge of the alleged burial until he spoke with LL Mr. KK could not furnish any additional information relative to this investigation. (The telephone call concluded at 1:25 PM).

At 1:30 PM, Mr. MM who had 23 years of experience with Penelec and was a General Utility Person I at retirement, was contacted via telephone. Mr. MM indicated that he does not know Mr. QQ However, Mr. MM did hear a story from NN that a hole was dug during the day and material was brought from SNEC during the night and buried in the hole. Mr. MM does not know when this occurred, but recommended that I contact Mr. NN for additional information. Mr. MM indicated that he heard this information this summer. (The telephone conversation concluded at 1:35 PM).

At 4:50 PM, an attempt was made to telephone Mr. OO at his residence. An un-named female, who answered the phone, indicated that Mr. OO will not be home until Monday, August 5, 1991. An attempt will be made to contact Mr. OO in the future.

At 4:50 PM, an attempt was made to telephone LL at telephone number with negative results. Future attempts will be made to contact LL

☐ UNFOUNDED ☐ CLEARED
☐ CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A E Mollura — EMPLOYEE NO.: 9059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

TIME PREPARED: 7-31-91 5:10 PM

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS): RC

12. PAGE 1 OF 2

MS-86 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

382

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

1 INCIDENT NUMBER
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 [redacted], telephone number [redacted]. 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 Williamsburg. The time that the burial 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 at 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.

W909.ARM

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

4. REVIEWED BY (INTERNAL AFFAIRS) [signature]

5 PAGE 2 OF 2

MS-86 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT (JOHNSTOWN) CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

383

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. OF INCIDENT: her

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE / SEX / DOB / AGE / HEIGHT / WEIGHT / HAIR / EYES / SOCIAL SECURITY NO

IF PENELEC EMPLOYEE / WORK LOCATION / POSITION / EMPLOYEE NO / SUPERVISOR

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 ~~in~~ fr'l that this investigation is reopened.

W001 AEM

☐ UNFOUNDED ☐ CLEARED
CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): Andrew E. Mollura A. E. Mollura — EMPLOYEE NO. 8059 — WORK LOCATION: EMC-1 — WORK PHONE: 8974

TIME PREPARED: 8-1-91 11:55 AM

10. FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS)

12. PAGE 1 OF 1

MS-BE 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

2 of 1

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On August 9, 1991, the following investigation was conducted. Andrew E. Molfura and John P. Kline met with NN at NN home to interview him concerning information he may have relating to this incident.

NN stated that in mid June of this year he was engaged in a conversation at an Eat'n Park with several past and present Penelec employees. NN estimates that six of these employees were retirees.

The subject of the Saxton Nuclear Plant was discussed. Among those in attendance, the subject of came up.

LL claims that during this conversation AA also advised LL that he AA was forced to dump radioactive materials at the Williamsburg Ash pit.

NN is not sure who provided the information on the alleged LL / AA discussion.

NN also provided the following general information concerning LL . LL is a former Penelec employee who was a condenser operator at the Williamsburg Station (NN was also employed at the Williamsburg Station).

LL later married bbbb who is also a former Penelec employee and supervisor at the Williamsburg Station.

LL and bbbb now live outside of Williamsburg, Pennsylvania and bbbb is self-employed as a farmer.

NN stated that he recalls speaking with MM approximately three to four weeks ago during the Williamsburg Merchants Day. NN stated that he and MM discussed the above stated information.

7. ☐ JUNIORED ☐ CLEARED ☐ A/T CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): J. P. Kline — EMPLOYEE NO.: 0291 — WORK LOCATION: EMC-1 — WORK PHONE: 8384

9. DATE/TIME PREPARED: 8-12-91 10:00 AM

10. FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11. REVIEWED BY INTERNAL AFFAIRS: BJ

12. PAGE 1 OF 2

MIS-88 1284

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

EBC

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

1. INCIDENT NUMBER
89-WM-2

While NN recalls the December 1988 incident in which contaminated soil was found near the Saxton Station, he firmly believes 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.

On this date, Mollura and Kline drove to the home of LL in an attempt to interview her. No one was home, and an attempt will be made later to contact her to discuss this incident.

W043.JPK

3. PERSON PREPARING REPORT (PRINT/TYPE & SIGN)	4. REVIEWED BY (INTERNAL AFFAIRS)	5. PAGE
J. P. Kline J. P. Kline		2 OF 2

MS-86 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT (JOHNSTOWN) CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

386

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On August 23, 1991, the following investigation was conducted. I telephoned LL at in an effort to ascertain any details regarding her conversation with AA as described by Mr. NN . LL advised me that AA stopped by her home approximately one week prior to her departure with Penelec (late April 1991).

LL stated that AA advised her that he was aware that items were being dumped at the Williamsburg site and that a machine known as a "clam digger" was brought in to the dump site. LL stated she is unaware what a clam digger is as she passed this information on to me.

LL stated that she was somewhat surprised at AA stopping by her home, as she described her and AA as not getting along very well when she worked with him.

LL stated that this conversation took place in her front yard and AA advised her that he had nothing to do with the dumping. LL further stated that AA talked with her about his dismissal from the Company and that he was bitter.

LL stated that it appeared that AA

LL further stated that AA advised her that DD , a former SNEC employee, was the one responsible for dumping material. At no time did LL advise that the material may have been radioactive in nature; however, she felt that the conversation was odd and could not be sure.

LL stated that she has had no further contact with AA concerning the subject and could provide no further information to me at this time.

7. ☐ JUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE NAME) | EMPLOYEE NO. | WORK LOCATION | WORK PHONE

J. P. Kline J. P. Kline | 0291 | EMC-1 | 8384

DATE/TIME PREPARED: 8-23-91 12:40 PM

10. FOLLOW-UP ACTION RECOMMENDED ☑ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS)

12. PAGE 1 OF 2

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PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

MS-88 1286

397

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

1. INCIDENT NUMBER
89-WM-2

I thanked her for the information and left my name and telephone number and requested that LL call me if she can recall anything else concerning the conversation she had with AA

W049 JPK

2. PERSON PREPARING REPORT (PRINT / TYPE & SIGN)
J. P. Kline

4. REVIEWED BY (INTERNAL AFFAIRS)

5. PAGE 2 OF 2

MS-86 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT (JOHNSTOWN) CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

388

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: ...er

3. DATE OCCURRED:

4. VICTIM:

5. SUBJECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE — WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On September 4, 1991. at 8:40 AM, I telephoned OO , at concerning this incident.

Mr. OO advised me that he was employed at Williamsburg Station as a Water Analyst and worked primarily around the boilers. OO was questioned as to whether he knows who QQ is. He stated that he does not know QQ nor can he recall a conversation with QQ , or anyone else, concerning the dumping of radioactive material at Williamsburg.

Oo stated that he did work for some time at the ash site conducting water sampls and has no knowledge of any dumping of radioactive material.

OO does recall the 1989 investigation conducted by Penelec Internal Affairs, but could provide no further information as to this incident.

I thanked Mr. OO for his time. The conversation ended at 8:45 AM.

W079 JPK

☐ UNFOUNDED ☐ CLEARED — CLEARED

8. PERSON PREPARING REPORT (PRINT, TYPE & SIGN): J. P. Kline J. P. Kline — EMPLOYEE NO.: 0291 — WORK LOCATION: EMC-1 — WORK PHONE: 8384

TIME PREPARED: 9-17-91 2:00 PM

10. FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS): AD

12. PAGE 1 OF 1

MS-85 1286

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

389

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. OF INCIDENT: ...ner

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On September 17, 1991, the following investigation was conducted.

I telephoned Mr. JJ Station Administrative Assistant at Seward, and questioned him regarding his conversation with Mr. QQ - JJ stated that he did have conversation with QQ concerning this issue. However, it was nothing more than QQ advising JJ that he QQ was en route to talk to the Internal Affairs Department in Johnstown concerning this issue. JJ stated that it was QQ who stated that he QQ heard this information from an individual at Williamsburg Station.

JJ is aware of the investigation of this incident that Internal Affairs conducted approximately two years ago.

JJ worked at the Saxton Nuclear site from 1962 to 1973 as a clerk. JJ never worked at the Williamsburg Station. JJ is not aware of any radioactive material that could have been buried at the Williamsburg ash pile.

JJ stated that he has no further knowledge or information concerning this incident.

I thanked JJ for his information and stated that if I needed further information, I would recontact him.

W079.JRK

☐ UNFOUNDED ☐ CLEARED — CLEARED

8. PERSON PREPARING REPORT (PRINT OR TYPE & SIGN): J. P. Kline

EMPLOYEE NO.: 0291

WORK LOCATION: EMC-1

WORK PHONE: 8384

TIME PREPARED: 9-17-91 2:00 PM

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☐ NO

11. REVIEWED BY INTERNAL AFFAIRS:

12. PAGE 1 OF 1

MS-86 12M

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

390

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) / ADDRESS / PHONE

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE / SEX / DOB / AGE / HEIGHT / WEIGHT / HAIR / EYES / SOCIAL SECURITY NO

IF PENELEC EMPLOYEE / WORK LOCATION / POSITION / EMPLOYEE NO. / SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

Based on the fact that the information provided by QQ regarding this incident has been investigated and all parties associated with that information have been interviewed and all investigative leads have been exhausted, this case will be closed to file.

On October 25, 1991, I notified, Frank Coppinger, GPU Nuclear Security Analyst III, that this incident was being closed to file. Coppinger will notify M. K. Pastor, Nuclear Security Director, upon his return from his vacation overseas.

W168.JPK

☐ FOUNDED ☐ CLEARED ☐ NOT CLEARED

7. PERSON PREPARING REPORT (PRINT, TYPE & SIGN): J. P. Kline

EMPLOYEE NO.: 0291

WORK LOCATION: EMC-1

WORK PHONE: 8384

DATE/TIME PREPARED: 10-28-91 8:30 AM

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☒ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

391

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION

☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On October 28, 1991, at 0740 hours, I advised Internal Auditing in Reading that this incident will be closed to file. I spoke with J. R. Cassidy.

W168.JPK

☐ CLEARED ☐ NOT CLEARED

7. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): J. P. Kline

EMPLOYEE NO.: 0291

WORK LOCATION: EMC-1

WORK PHONE: 8384

DATE/TIME PREPARED: 10-28-91 8:30 AM

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☒ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY

PINK—DIVISION DIRECTOR / GENERATING STATION SUPERINTENDENT

397

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: _her

3. DATE OCCURRED:

4. VICTIM: Penelec

5. SUSPECT — NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE — WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

Attachment I to this supplement is an Upon-Inquiry-Only Statement regarding the burial of Saxton debris at Williamsburg, which was updated by the Communications Department as of January 3, 1992.

W344.JPK

7. ☐ UNFOUNDED ☐ CLEARED — CLEARED

8. PERSON PREPARING REPORT (PRINT NAME & SIGN): J. P. Kline — EMPLOYEE NO.: 0291 — WORK LOCATION: EMC-1 — WORK PHONE: 8384

TIME PREPARED: 1-9-92 10:00 AM

10. FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO

11. REVIEWED BY INTERNAL AFFAIRS:

12. PAGE 1 OF 1

DISTRIBUTION: WHITE—INTERNAL AFFAIRS DEPARTMENT, JOHNSTOWN CANARY—PREPARER'S FACILITY
PINK—DIVISION DIRECTOR/GENERATING STATION SUPERINTENDENT

393

Attachment 1

INTER-OFFICE MEMORANDUM

Penelec / GPU

DATE Jan. 3, 1992

FROM Cindy Burkett
TITLE Media Relations Manager
PHONE 8450

LOCATION Johnstown

SUBJECT Upon-Inquiry-Only Statement re Burial of Saxton Debris at Williamsburg

TO J. F. FURST

Attached for your information is an upon-inquiry-only statement regarding burial of debris from the Saxton station at the Williamsburg station. The statement was updated in response 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.

Cindy Burkett
Cindy 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)

FRANK,
I RECEIVED THIS AFTER I SPOKE WITH YOU THIS MORNING
Andy

1/7/92

394

Jan. 3, 1992

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 sampling 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.

29c

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

4. OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT ☐ LEGAL ACTION ☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On January 6, 1992, the following investigation was conducted. While at the Penelec facility in Brookville, I received a telephone call from A. G. Faith who advised that a LL, telephone number , had called for me regarding this incident and requested that I return her call.

At 1132 hours, I returned Ms. LL call. LL asked if I was the individual who she spoke with this past summer concerning this incident, at which I stated, "Yes." LL further advised that a newspaper, the Altoona Mirror, is doing an investigation and wants to speak with Ms. LL tomorrow (January 7, 1992).

LL stated that she was somewhat surprised since all she had regarding the incident was hearsay information. LL then asked me if the Altoona Mirror was conducting an investigation for Penelec, at which I stated, "No. They are not."

LL stated that AA has not contacted her since their last discussion, which was held earlier this year.

LL stated that several folks in the area are concerned with the subject and there had been some discussion regarding getting group physicals and LL inquired as to whether Penelec could pay for these physicals. I stated that I am in no position to make any decision regarding that request, but that I will mention her request to my supervision.

LL stated that a union representative named AAAA claimed that the Company had not conducted any investigation into this matter. However, LL has no firsthand knowledge of this.

LL also stated that an individual named OO probably remembers the dumping of Saxton material and should be contacted.

(Note: OO had been interviewed prior to this by J. P. Kline).

7. ☐ UNFOUNDED ☐ CLEARED	8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN)	EMPLOYEE NO.	WORK LOCATION	WORK PHONE
CLEARED	J. P. Kline	0291	EMC-1	8384
9. TIME PREPARED: 1-6-91 4:00 PM	10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☐ NO	11. REVIEWED BY INTERNAL AFFAIRS		12. PAGE 1 OF 2

MS-65 1286

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36

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

CONTINUATION REPORT

1. INCIDENT NUMBER: 89-WH-2

I advised LL that Penelec was continuing its investigation and was attempting at this time to recontact certain parties who were involved. ? QQ /.

Having no further questions or providing any further information, the conversation ended at 1140 hours.

At 1430 hours, I telephoned the Communications Department and briefed Cindy Burkett on the above conversation with LL . Burkett stated that she received a telephone call from a reporter from the Altoona 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 was not in, but Cindy Kurtz took a message and stated that he would return my call on January 7, 1992

At 1630 hours, A. E. Mollura and J. P. Kline briefed W. C. Matthews on the above information.

W345.JPK

3. BOX PREPARING REPORT (PRINT/TYPE & SIGN): J. P. Kline

4. REVIEWED BY (INTERNAL AFFAIRS)

5. PAGE 2 OF 2

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397

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM: Penelec

5. SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On January 3, 1992, Cynthia A. Burkett, Media Relations Manager, advised that a reporter from the Altoona Mirror Newspaper called and requested information relative to this investigation. Ms. Burkett sent a copy of an Upon-Inquiry news release to the reporter on that date. A copy of the news release is attached to Mr. Kline's supplement, dated January 3, 1992.

On January 6, 1992, Ms. Burkett recontacted this writer and advised that the reporter was conducting an interview with LL (Ms. LL had been previously interviewed relative to this investigation) on January 7, 1992, at Ms. LL residence. Ms. Burkett further advised that the reporter requested to interview this writer. I advised Ms. Burkett that management approval would have to be obtained prior to any further release of information relative to this investigation. The following individuals were apprised of the media request: Messrs. Wise, Jolles, Matthews, Herbein, Dominguez, James R. Cassidy, GPU Auditing - Reading, and John F. Furst, Vice President - Customer Services.

On January 7, 1992, William C. Matthews, Secretary & Corporate Counsel, advised that a decision had been made that this writer and Ms. Good would meet with the Altoona Mirror reporter and grant an interview. The tentative date of the interview is January 10, 1992, at the Williamsburg Generating Station.

Mr. Knubel was requested to contact the NRC, Alfred A. Slowik, Generation Technical Services Director, was requested to contact the paper and Frank Dominguez, Vice President - GPU Auditing, was requested to contact the PUC relative to advising the respective agencies of the interview. All three gentlemen indicated that they would be notifying the listed agencies.

Ms. Burkett indicated that either she or Gary D. Plummer, Manager - Communications, would be accompanying this writer to the interview at the Williamsburg Station on January 10, 1992.

7. ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED	8. PERSON PREPARING REPORT (PRINT / TYPE NAME)	EMPLOYEE NO.	WORK LOCATION	WORK PHONE
	A. E. Mollura A. E. Mollura	9059	EMC-1	8974
DATE/TIME PREPARED: 1-10-92 10:00 AM	10. FOLLOW-UP ACTION RECOMMENDED ☐ YES ☐ NO	11. REVIEWED BY INTERNAL AFFAIRS: 80		12. PAGE 1 OF 1

MS-88 1288

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398

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM: Penelec

5. SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS

On January 10, 1992, at 10:00 AM, Ms. Burkett, Ms. Good, Ralph DeSantis, GPUNC Communications Department, and I met Walt Frank, Staff Writer for the Altoona Mirror, 1000 Green Avenue, Altoona, Pennsylvania, telephone #800-222-1962, at the Williamsburg Station. The meeting with Mr. Frank was for the purpose of being interviewed for a news article that he is writing relative to the allegation that articles from SNEC were buried in the Williamsburg Station ash pile.

Mr. Frank stated that he had been contacted by a former Penelec employee who stated that items from SNEC were buried at the Williamsburg Station. Mr. Frank went on to say that he is writing an article about this situation and has interviewed former Penelec employees. Mr. Frank did state that he interviewed LL who is requesting Penelec to provide physical examinations to all former Penelec employees who were assigned to the Williamsburg Station.

Following the interview, I asked Mr. Frank if he had received any information during his interviews which could aid in this investigation. Mr. Frank stated, in his opinion, that he did not receive any factual information. However, he did state that if he does receive information which could assist in the investigation he will contact me immediately. Mr. Frank recorded this writer's office telephone number and indicated that he will publish it in the article and state that anyone may call the number if they have information relative to this incident. Mr. Frank expects the article to be printed in the Altoona Mirror during the week of January 12, 1992.

The interview concluded at approximately 11:00 AM. It should be noted that a photographer from the Altoona Mirror photographed the old ash site at Williamsburg. It is unknown at this time if the photograph will be used with the article.

W348.AEM

7. ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT (TYPE) & SIGN): A. E. Mollure A. E. Mollure | EMPLOYEE NO.: 9059 | WORK LOCATION: EMC-1 | WORK PHONE: 8974

DATE/TIME PREPARED: 1-12-92 10:00 AM

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS):

12. PAGE 1 OF 1

MS-80 12/86

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399

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On January 16, 1992, the following investigation was conducted. At 1429 hours, I returned a telephone call from LL

LL stated that she wanted to advise me that she had received a call back from a newspaper reporter from the Altoona Mirror who advised her that he was going to drop this issue and was going to print an article in an upcoming issue. I thanked LL for the information and asked if she had any further information or wished to discuss it any further. LL asked if any action had been taken with regard to group physicals from our previous conversation. I advised LL that I had brought the issue up with my supervisor (A. E. Mollura) and that he had raised the issue with Human Resources. LL stated that she understands and thanked me for the information. Having no further questions, the conversation concluded at 1437 hours.

Note: A. E. Mollura advised L. Gebhardt, Manager - Operations Support, of LL request of Penelec for group physical and the matter will be handled by Human Resources from this point forward.

W373.JPK

7. ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT, TYPE & SIGN): J. P. Kline

EMPLOYEE NO.: 0291

WORK LOCATION: EMC-1

WORK PHONE: 8384

TIME PREPARED: 1-29-92 10:30 AM

10. FOLLOW-UP ACTION RECOMMENDED ☐ YES ☒ NO

11. REVIEWED BY INTERNAL AFFAIRS:

12. PAGE 1 OF 1

MS-86 1286

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400

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. E OF INCIDENT: Other

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On January 17, 1992, the following investigation was conducted. At 1605 hours, I telephoned QQ, at , to advise Mr. QQ of the findings of this investigation. He stated that he understood and had no further questions or comments.

Based on the fact that all investigative leads in this incident have been exhausted and the source has been recontacted, this investigation will be closed to file pending any further developments. If any new information is gained, this report will be supplemented.

W372.JPK

7. ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT/TYPE & SIGN): J. P. Kline

EMPLOYEE NO.: 0291

WORK LOCATION: EMC-1

WORK PHONE: 8384

9. TIME PREPARED: 1-29-92 10:00 AM

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☒ NO

11. REVIEWED BY INTERNAL AFFAIRS:

12. PAGE 1 OF 1

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401

Penelec / GPU

PENNSYLVANIA ELECTRIC COMPANY
INTERNAL AFFAIRS DEPARTMENT

SUPPLEMENT INCIDENT REPORT

1. INCIDENT NUMBER: 89-WM-2

2. TYPE OF INCIDENT: OTHER

3. DATE OCCURRED:

4. VICTIM:

5. SUSPECT
☐ LEGAL ACTION
☐ COMPANY OFFICIAL ACTION

NAME (LAST, FIRST, MIDDLE) | ADDRESS | PHONE

RACE | SEX | DOB | AGE | HEIGHT | WEIGHT | HAIR | EYES | SOCIAL SECURITY NO.

IF PENELEC EMPLOYEE | WORK LOCATION | POSITION | EMPLOYEE NO. | SUPERVISOR

6. NARRATIVE—LIST ALL RESULTS OF ADDITIONAL INVESTIGATION AND ADDITIONAL INFORMATION FROM ABOVE BLOCKS.

On January 24, 1992 the following investigation was conducted:

At the request of Human Resources, I recontacted LL at 1545 hrs. and advised her that if she had a request concerning physicals and possible PENELEC reimbursement, she should address her request to the PENELEC Safety & Health department.

LL stated that she understood and requested a name of someone to address it to. I told her to address it to Mr. Robert Low of the Safety & Health Department. She stated that she understood.

The conversation ended at 1550.

7. ☐ UNFOUNDED ☐ CLEARED ☐ NOT CLEARED

8. PERSON PREPARING REPORT (PRINT / TYPE & SIGN): J.P. Kline J.P. Kline

EMPLOYEE NO.: P0291

WORK LOCATION: EMC-1

WORK PHONE: 8384

9. TIME PREPARED: 1100m 1/27/92

10. FOLLOW-UP ACTION RECOMMENDED: ☐ YES ☐ NO

11. REVIEWED BY (INTERNAL AFFAIRS): RD

12. PAGE 1 OF 1

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402