

08 APR 1987

Docket Nos. 50-277/278

MEMORANDUM FOR:

William F. Kane, Director
Division of Reactor Projects

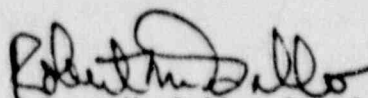
FROM:

Robert M. Gallo, Chief
Projects Branch No. 2

SUBJECT:

ENFORCEMENT HISTORY - PEACH BOTTOM ATOMIC POWER STATION

Attached is a list of the escalated enforcement actions for Peach Bottom Units 2 and 3 from April 1981 until the March 31, 1987 Order.


Robert M. Gallo, Chief
Projects Branch No. 2

cc:

T. E. Murley
J. M. Allan
J. M. Gutierrez
D. J. Holody
K. Abraham
W. V. Johnston
T. T. Martin
C. J. Cowgill
T. Johnson
H. Williams
T. P. Gwynn, OCM

ENFORCEMENT HISTORY-PEACH BOTTOM ATOMIC POWER STATION

1. April 1981 Immediate Action Letter (81-19) corrective actions regarding isolation of three drywell pressure transmitters (Inspection Report 50-277/81-07 and 50-278/81-09).
2. May 1981 Escalated enforcement (Severity Level III, no civil penalty) resulting from violations of radwaste transportation requirements in November 1980. (EA 81-31 and Inspection Report 50-277/80-36; 50-278/80-29).
3. December 1981 Confirmatory Action Letter dated December 24, 1981, regarding planned corrective actions on significant findings identified in the NRC Emergency Preparedness Team inspection on December 7 through 17, 1981.
4. March 1982 Enforcement Conference on March 18, 1982, regarding radioactive material transportation. (Inspection Report 50-277, 278/82-05).
5. July 1982 Enforcement Conference on July 22, 1982, regarding numerous radiation protection violations and a violation of primary containment integrity (Inspection Reports 50-277/82-10, 11 and 50-278/82-10, 11).
6. January 1983 Enforcement Conference on January 18, 1983, regarding plant operations in the area of valve positioning errors that resulted in safety systems out of service and violations of containment integrity. (Inspection Report 50-277, 278/83-03).
7. March 1983 Notice of Proposed Civil Penalty was issued based on radiation protection and plant operations inspection findings during October 1981 and May to September 1982 (EA 83-7, \$140,000).
8. May 1983 Enforcement Conference on May 6, 1983, regarding procedural and Technical Specification adherence, and plant operations (Inspection Report 50-277/83-13 and 50-278/83-13).
9. June 1983 A Notice of Proposed Civil Penalty was issued on June 14, 1983 for a containment integrity violation (EA 83-46, \$40,000).
10. July 1983 Confirmatory Action Letter dated July 13, 1983, regarding conduct of emergency preparedness drill associated with deficiencies in health physics practices identified in the Annual Exercise on June 28, 1983.

11. August 1983 Confirmatory Action Letter dated August 9, 1983, regarding planned corrective action on deficiencies identified during the in-plant health physics drill conducted on August 3, 1983.
12. August 1983 Enforcement Conference on August 11, 1983, regarding the Peach Bottom fire protection program. (Inspection Report 50-277, 278/83-23). A Severity Level IV violation was issued.
13. April 1984 An Enforcement Conference was held April 12, 1984, to discuss the findings of Inspections 50-278/83-32, 50-277/84-01, 50-278/84-01, 50-277/84-03 and 50-278/84-03 relative to individual rod scrambling and LCO violations (Inspection Report 50-277, 278/84-11).
14. June 1984 Notice of Violation and Civil Penalty was issued June 18, 1984, associated with violations regarding excessive heatup rates, an unplanned reactor pressurization, and excessive rod scram times (EA 84-39, \$30,000).
15. June 1984 Order modifying license dated June 18, 1984, regarding violations associated with Enforcement Action 84-39 requiring the licensee to submit and implement a plan for an appraisal of: (1) the process for performing safety evaluations and reviews of procedures pursuant to 10 CFR 50.59 to determine if the process is currently effective, or if improvements are needed; (2) plant and system operating procedures to verify that existing procedures are consistent with Technical Specification bases and of the FSAR and do not involve unreviewed safety questions; and (3) the program for ensuring that employees involved in the review and approval of operating procedure remain cognizant of the licensing bases.
16. July 1984 An Enforcement Conference was held July 31, 1984, to discuss the findings of Inspection 50-277/84-19 and 50-278/84-10 relative to security plan violations (EA 84-44, no civil penalty).
17. February 1985 An Enforcement Conference was held February 8, 1985, to discuss the findings of Inspection 50-278/85-07, a Unit 3 event regarding simultaneous diesel generator inoperability and containment cooling.
18. March 1985 An Enforcement Conference was held March 4, 1985, to discuss radiological practices during the Unit 2 outage. (Inspection Report 50-277/85-11)

19. May 1985 Enforcement Conference was held to discuss security plan violations. Four Severity Level IV violations were issued. (Inspection Report 50-277/85-16, 50-277/85-13)
20. June 1985 Civil Penalty was issued June 7, 1985, associated with NRC Inspection 50-277/85-11. The violations were associated with radiation protection practices during the Unit 2 pipe replacement outage. The Notice of Violation and Civil Penalty were combined with escalated enforcement from Limerick (EA 85-42, \$25,000).
21. June 1985 Enforcement Conference was held to discuss an apparent inattentive Unit 3 reactor operator. No Enforcement Action was taken, the licensee was requested to describe actions to prevent recurrence. (Inspection Report 50-278/85-22).
22. November 1985 Confirmatory Action Letter dated November 5, 1985, regarding actions to be taken by PECO in the area of Peach Bottom emergency preparedness.
23. November 1985 An Enforcement Conference was held on November 14, 1985 to discuss problems with radwaste transportation activities. Two Severity Level III, two Severity Level IV, and one Severity Level V Violations were involved. No civil penalty because States had taken penal actions. (Inspection Reports 50-277/85-27, 31, 39 and 50-278/85-25, 28, 40)
24. March 1986 Enforcement Conference was held to discuss an out of sequence control rod withdrawal and related personnel errors during a Unit 3 startup (Inspection Report 50-278/86-09).
25. April 1986 A Confirmatory Action Letter was issued April 11, 1986 regarding actions to be taken with respect to fire protection and 10 CFR 50, Appendix R.
26. May 1986 Enforcement Conference held to discuss OI Report (50-278/1-85-19) concerning the alleged termination of employment of a workman following engagement in activities protected under 10 CFR 50.7. (Inspection Report 50-278/85-31)
27. June 1986 Civil Penalty dated June 9, 1986, associated with an out of sequence control rod withdrawal during a Unit 3 startup. (EA 86-59, \$200,000).
28. November 1986 Second Enforcement Conference held to discuss OI Report (50-278/1-85-19) and improper conduct of workers in a high radiation area.

29. February 1987 Civil Penalty dated February 9, 1987, associated with dismissal of employee engaged in protected activities. (EA-87-05, \$50,000)
30. March 1987 An order was issued on March 31, 1987 suspending power operations and requiring the licensee to: (1) describe to the NRC how he plans to meet all requirements while in the cold condition, and, (2) provide for NRC approval a detailed and comprehensive plan and schedule to assure that the facility will safely operate and comply with all requirements including station procedures.

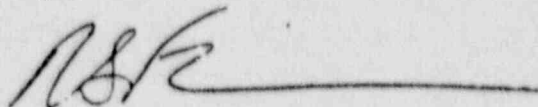
PEACH BOTTOM ATOMIC POWER STATION
Delta, Pennsylvania
17314

March 27, 1987

FROM: R. S. Fleischmann, II
TO: All Peach Bottom Licensed Operators and Senior Licensed Operators
SUBJECT: MEMO FROM J. W. GALLAGHER, DATED 3/27/87

Attached is a letter from Mr. J. W. Gallagher, Vice President, Nuclear Operations, which is self-explanatory.

I expect full compliance with Mr. Gallagher's letter.



R. S. Fleischmann, II
Manager

RSF:jlw

Distribution:

J. F. Mitman	A. J. Wasong	R. A. Blasy
J. L. Clupp	J. M. Weaver	D. G. Falcone
R. F. Truax	R. W. Tyler	S. L. Wookey
R. R. Hoopes	R. S. Hart	E. G. Alwood
D. C. Smith	F. J. Pfender	D. S. Woodrow
R. E. Sheetz	W. M. Eagles	B. E. Saxman
J. G. Hufnagel	P. L. Bushek	G. H. Gellrich
R. L. Gambone	L. F. Vernacchio	S. M. Hess
C. V. Koehler	S. J. Mannix	L. T. White
J. M. Gribble	S. Johnson	R. A. Maldonado
G. W. Tharpe	J. W. Lyter	C. J. Schwarz
G. J. Duffy	A. R. Wargo	J. A. Jordan
T. J. Niessen	J. W. Ballantyne	J. R. Baldwin
L. E. MacEntee	A. R. Clark	D. W. McClellan
H. L. Metz	F. W. Polaski	A. A. Fulvio
J. S. Dent	P. B. Cromwell	D. B. Warfel
G. L. Swayne	R. W. Kirkhoff	A. T. Winters
D. W. Duane	D. C. McRoberts	H. D. Yost
H. D. Hanson	W. B. Widener	S. R. Roberts
G. F. Dawson	B. A. Stambaugh	E. S. Cromwell
W. O. Pieper		

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S25-1
2301 Market Street

March 27, 1987

FROM: J. W. Gallagher
TO: R. S. Fleischmann
J. F. Franz
SUBJECT: Sleeping on the Job

An allegation was made to me yesterday that some control room personnel at Peach Bottom have been seen at various times in a state of inattentiveness to their duties in that they were giving the appearance, at least, of sleeping or attempting to sleep at their posts. No names or times have been provided to me.

Our people have the obligation to provide the safest and best nuclear operation possible so that the health and safety of the public are absolutely protected. Therefore, you and your staff, and shift supervision are to see immediately and continually that no such allegation can ever be made factually against our personnel.

In order that everyone may know the seriousness with which I view this situation the following policy is in effect:

Anyone assigned to the control room operating staff who appears to be sleeping at his post is to be relieved immediately and sent to the Plant Manager for administration of discipline. Discipline will consist of immediate suspension with recommendation for termination. There are to be no exceptions.

Original Signed by J. W. Gallagher

Vice President
Nuclear Operations

cc: J. S. Kemper
C. L. Fritz
G. M. Leitch

PEACH BOTTOM ATOMIC POWER STATION
Delta, Pennsylvania
17314

April 3, 1987

FROM: R. S. Fleischmann, II
TO: Peach Bottom Personnel
SUBJECT: REMARKS BY J. L. EVERETT

Friday afternoon, April 3, 1987, Mr. Everett took a short tour of the plant. Before he left, he addressed some of the plant staff. He told us the following things about our shutdown order and the Company's response to it:

This is the most serious event in his history with the Company. The Company is treating it as being as serious as a nuclear accident. We will do all we can to requalify for operation of the plant. The outcome is dependent on the cooperation of all the people at Peach Bottom. His guess is that it will take months before we can return to operation.

In order to gather as much information as possible, both at Peach Bottom and through the Company, a number of teams are being put together. There is a team within the Company. A special committee for the Board of Directors is being proposed and Dennis Wilkinson, the first president of INPO will act as a consultant to that committee.

An industry team composed of INPO people and industry peers is being formed. There will probably be a Pennsylvania state team and Mr. Everett will offer our information to the Governor of Maryland if he wishes to form a team.

He cannot say if our jobs are at risk or not. He knows that his job is at risk. He does anticipate that there will be a number of personnel reassignments.

He believes that the problem lies in the attitude of some people at Peach Bottom. The problem is not with the condition of the plant or our technical expertise. He believes that the great majority of people want to carry out their duties in a professional manner. He says there is no place at Peach Bottom or Philadelphia Electric Company for anybody who believes that he is above operation in accordance with procedures.

In answer to questions, Mr. Gallagher said there is a possibility that the manpower commitment to the Unit 2 outage might be cut back. Mr. Kemper said we do not know how the Unit 3 pipe replacement outage will be affected and that we won't know until the scope of this problem is identified.



R. S. Fleischmann, II
Manager

A/2

PEACH BOTTOM ATOMIC POWER STATION
Delta, Pennsylvania
17314

April 7, 1987

FROM: D. C. Smith
TO: Control Room Personnel
SUBJECT: MONITORING ACTIVITIES IN CONTROL ROOM

A primary part of the company's short term response to the NRC's shutdown order consists of the establishment of an independent team of engineers to monitor control room activities. These five individuals will report directly to Bob Moore, Superintendent of the Quality Assurance Division.

The purpose of this group is to monitor control room personnel and verify attention to duty stations and adherence to the provisions of Administrative Procedure A-7. These individuals have no responsibility for technical matters, nor do they have any supervisory authority over any Philadelphia Electric personnel. This five man group will be on shift around the clock for a period of six to eight weeks. At this time, it is not certain whether or not the program will continue beyond that point with other personnel.

The five individuals in this group are: Lou Vernacchio, Peach Bottom Test Engineer; Paul Bushek, Peach Bottom ISEG; Steve Breeding, Peach Bottom QC; Rich Weisband, Limerick Test Engineer; and Scott Auve, Nuclear Fuel Section.

At this point, it is imperative that the on-shift monitoring activity succeed. We must treat these five individuals with respect and courtesy. This activity as well as many others will be carefully evaluated by the NRC.

It is the NRC's perception of our attitude that is a key factor in our recovering from our present situation. The courtesy and respect with which we treat each other as well as individuals from outside organizations, including the NRC will be closely scrutinized. Currently, the NRC has the perception that we are discourteous and unreceptive to any outside individual or group. They see this as evidence of our cavalier attitude toward nuclear safety. Whether or not we agree with this latter perception is unimportant. We must convince the NRC of our commitment to nuclear safety.

Therefore, we must treat each other as well as everyone else within the Peach Bottom community, with respect, dignity, and courtesy. We must overcome the appearance of hostility towards other groups and individuals.

A13

Our technical competence with respect to control room operations has never been questioned and is not being questioned now. Our basic problem is the NRC's perception of our casual attitude toward nuclear plant safety. This is indicated to them by allegations of operators sleeping in the control room, by several instances of failure to follow procedures, and by the lack of cooperation some NRC inspectors have experienced with some station personnel. We must all recognize that we can not go back and undo the past. From this time forward, we must strive to build an attitude of mutual cooperation and trust with all of the people with whom we do business on a daily basis. We must strive to present ourselves to others as the professionals we really are.


In all plant operations but in particular in control room activities, a professional demeanor is important at all times.

Professional conduct in the control room should be evidenced by not placing food or beverages on control panels, by keeping feet off of control panels or desks at all times, and by strictly adhering to the Nuclear Plant Rules, Procedure A-7 and any other appropriate procedures. But above all, professionalism is demonstrated by the way we act towards one another. For example, when it is appropriate to limit the number of personnel in the control room, it can be done in such a manner that the individual or group being asked to leave understands why they must leave and not so they are made to feel like second class citizens. Again, treat people with respect and dignity at all times.

In a continuing effort to improve communications, the monthly meetings with the operator group and the control room supervisor group will be accelerated. An agenda for each meeting will be published by the end of this week. I know I've repeated this phrase several times in this letter, but I am absolutely convinced that the only way Peach Bottom can recover from our present predicament, is for all of us in the Peach Bottom community to learn to treat each other with respect and dignity regardless of who signs our paycheck. This is not to say that we won't disagree, but we must recognize that we are on the same team and all striving for the same final goals.

We must appreciate that this is not an operator problem, or a management problem or an NRC problem, but it is in fact a Peach Bottom problem. In each one of us there some responsibility for the solution.

Your wholehearted cooperation is essential to our recovery.



D. C. Smith
Superintendent - Operations

Distribution: - -

All NRC Licensed Personnel

A. A. Fulvio

B. L. Clark

G. F. Dawson

F. W. Polaski

J. F. Mitman

D. L. Oltmans

A. E. Hilsmeier

D. P. Potocik

R. S. Fleischmann, II

J. E. Winzenried

J. B. Cotton

G. M. Leitch

J. K. Davenport

J. W. Austin

C. E. Anderson

J. T. O'Brien

C. Patton

T. Johnson

R. R. Betz

W. Gleaves

Chuck Brody

Tom Morris

Joe Oddo

Fred Shanaman

John Franz - Limerick

Steve Breeding

Rich Weisband

Scott Auve

STA's

Dose Assessment JTA's

11/1/4

BRIEFING ON STATUS OF PEACH BOTTOM

COMMISSION MEETING

APRIL 10, 1987

A/5

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM

CHAIRMAN OF THE BOARD AND CEO

J. L. Everett

PRESIDENT AND CHIEF OPERATING OFFICER (COO)

J. H. Austin, Jr.

SENIOR VICE PRESIDENT ENGINEERING & PRODUCTION

J. S. Kemper

ELECTRIC PRODUCTION VP

A. J. Weigand

NUCLEAR OPERATIONS VP

J. W. Gallagher

ENGINEERING & RESEARCH VP

S. J. Kowalski

QA DIVISION
SUPERINTENDENT

R. H. Moore

NUCLEAR GENERATION
DEPARTMENT

G. M. Leitch

NUCLEAR SUPPORT
DEPARTMENT

M. J. Cooney

PEACH BOTTOM
MANAGER

SUPERINTENDENT
OPERATIONS

OPERATIONS
ENGINEER

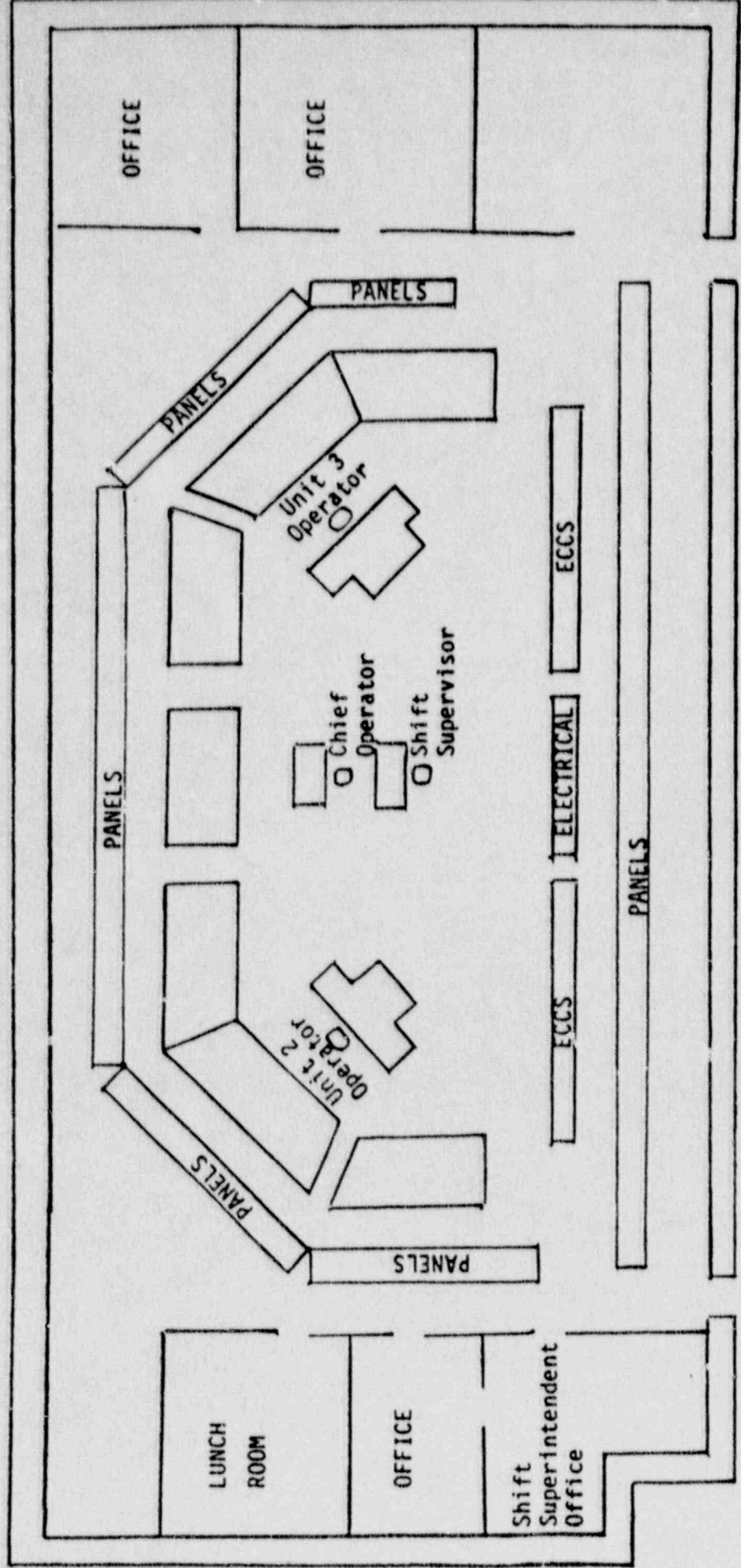
SHIFT SUPERINTENDENTS

ADMINISTRATION
ENGINEER

SUPERINTENDENT
SERVICES

PEACH BOTTOM HISTORY SINCE 1986 SALP

- JUNE 6, 1986 NRC ISSUES SALP REPORT AND NOTES
PLANT MANAGEMENT WEAKNESSES
- JUNE 18-JULY 3, 1986 REGION I DIAGNOSTIC TEAM INSPECTION.
REPORT ISSUED SEPTEMBER 2, 1986
- JULY 12, 1986 SALP MANAGEMENT MEETING
- AUGUST 1, 1986 EDO/PECO SENIOR MANAGEMENT MEETING
- AUGUST 12, 1986 PECO RESPONSE TO SALP REPORT
- OCTOBER 20, 1986 PECO RESPONSE TO DIAGNOSTIC TEAM
INSPECTION
- DECEMBER 19, 1986 PEACH BOTTOM ENHANCEMENT PROGRAM --
INITIAL MEETING AT SITE
- FEBRUARY 20, 1987 ENHANCEMENT PROGRAM STATUS MEETING
AT SITE
- MARCH 31, 1987 ORDER SUSPENDING POWER OPERATIONS



PEACH BOTTOM CONTROL ROOM

ENFORCEMENT HISTORY-PEACH BOTTOM ATOMIC POWER STATION

1. MARCH 1983 CIVIL PENALTY, ON RADIATION PROTECTION AND PLANT OPERATIONS INSPECTION FINDINGS DURING OCTOBER AND MAY TO SEPTEMBER 1982 (\$140,000).
2. JUNE 1983 CIVIL PENALTY, CONTAINMENT INTEGRITY VIOLATION (\$40,000).
3. JUNE 1984 CIVIL PENALTY (PLANT OPERATIONS ERRORS) UNPLANNED PRESSURIZATION, EXCESSIVE HEATUP RATES, EXCESSIVE ROD SCRAM TIMES. (30,000).
4. JUNE 1984 ORDER REGARDING ABOVE ACTION.
5. JUNE 1985 CIVIL PENALTY, VIOLATIONS OF RADIATION PROTECTION PRACTICES DURING THE UNIT 2 PIPE REPLACEMENT OUTAGE (\$25,000).
6. JUNE 1986 CIVIL PENALTY, OUT OF SEQUENCE CONTROL ROD WITHDRAWAL DURING A UNIT 3 STARTUP (\$200,000).
75,000
7. FEBRUARY 1987 CIVIL PENALTY, DISMISSAL OF EMPLOYEE ENGAGED IN PROTECTED ACTIVITIES (\$50,000)
8. MARCH 1987 AN ORDER WAS ISSUED ON MARCH 31, 1987 SUSPENDING POWER OPERATIONS

SIDE A
rew. sheet

4/11

BILL

Some notes on the Maryland Briefing.

The State contact who has been coordinating this meeting is Thomas Majette, Dept. of Natural Resources. Phone: 301-974-2261.

Travel Orders have been submitted for you, Bill Johnson, Bob Gallo and John McGrath. *Shelby Schwartz may also attend.*

DATE: 4/14/87

TIME: 11:30 a.m.

PLACE: Conference Room
Governor's Program Office
Old Hall Of Records
Rowe Boulevard
Annapolis, Md.

(Take Rt. 50 to Rowe Blvd. exit. Take Rowe Blvd. to the end-it dead ends at the State House. The Old Hall of the Records is on the left).

STATE REPRESENTATIVES EXPECTED:

(We should look at this as a briefing of the Governor's staff)

1. Three Governor's Program Office staff-I have no names.
2. Torrey Brown, Secretary of Natural Resources and members of his staff including:
 - a. Mike Hirshfield, Director, Power Plant Research Program, and
 - b. Tom Majette.
3. Adele Wilzack, Secretary, Department of Health and Mental Hygiene and Members of her staff including:
 - a. William Eichbaum, Assistant Secretary for Environmental Programs (Bill Eichbaum is the State SLO),
 - b. Max Eisenberg, Director, Science and Environmental Health,
 - c. Dave Resh, Administrator, Community Health Management Program,
 - d. Roland Fletcher, Director, Radiation Control, and
 - e. Lydia Duff, Attorney in the Attorney General's Office assigned to the Dept. of Health and Mental Hygiene.
4. The State legislative delegations from Hartford and Cecil Counties have been invited and may attend.

*2 state senators
& 4 representatives*

SOME OF THE AREAS OF INTEREST OR QUESTIONS WHICH MAY COME UP:

1. What precipitated the shutdown;
2. Outline the PECO seven day letter. (Tom Majette asked that we have copies available to hand out);

A/G

3. What is the plan for investigation by NRC and PECO and results to date.

4. What is INPO doing.

5. What are steps/actions for restart.

6. How can State work with NRC on this. (e.g. Can the State review and comment on PECO reports and any request for restart.

7. Will there be a hearing before restart.

8. Can State request a hearing.

9. State has impression that PECO has made a lot of promises in the past but not delivered in practice. How will we make sure things are different in the future.

10. What will NRC require before allowing PECO to restart. *through housecleaning*

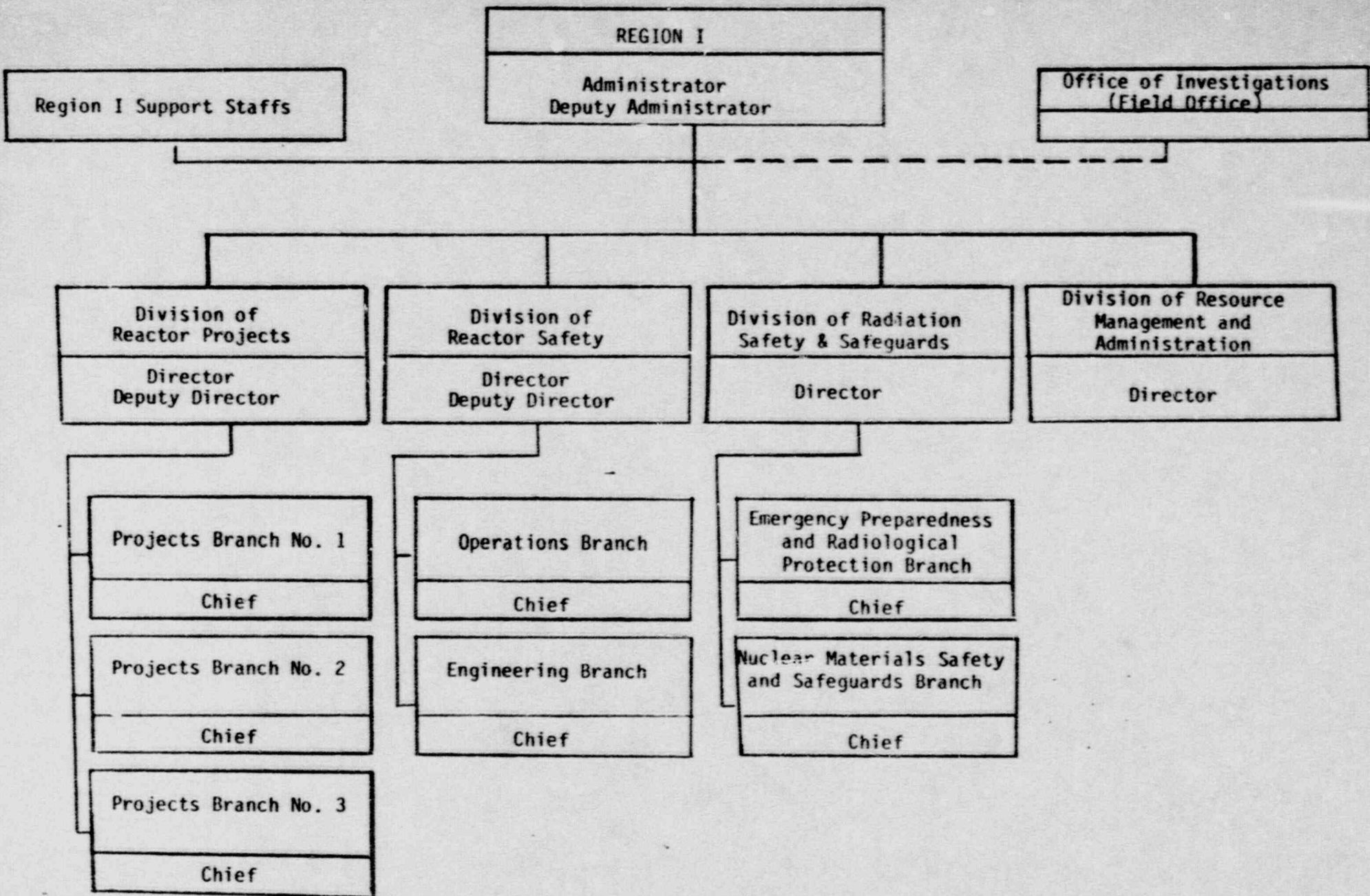
11. What are the consequences of the operator's actions. (Is there a health and safety problem they created and did some things slip by such as an unreported release in excess of NRC limits)

Paul

BRIEFING ON STATUS OF PEACH BOTTOM
STATE OF MARYLAND MEETING

APRIL 14, 1987

A/7



PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM

CHAIRMAN OF THE BOARD AND CEO

J. L. Everett

PRESIDENT AND CHIEF OPERATING OFFICER (COO)

J. H. Austin, Jr.

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PEACH BOTTOM
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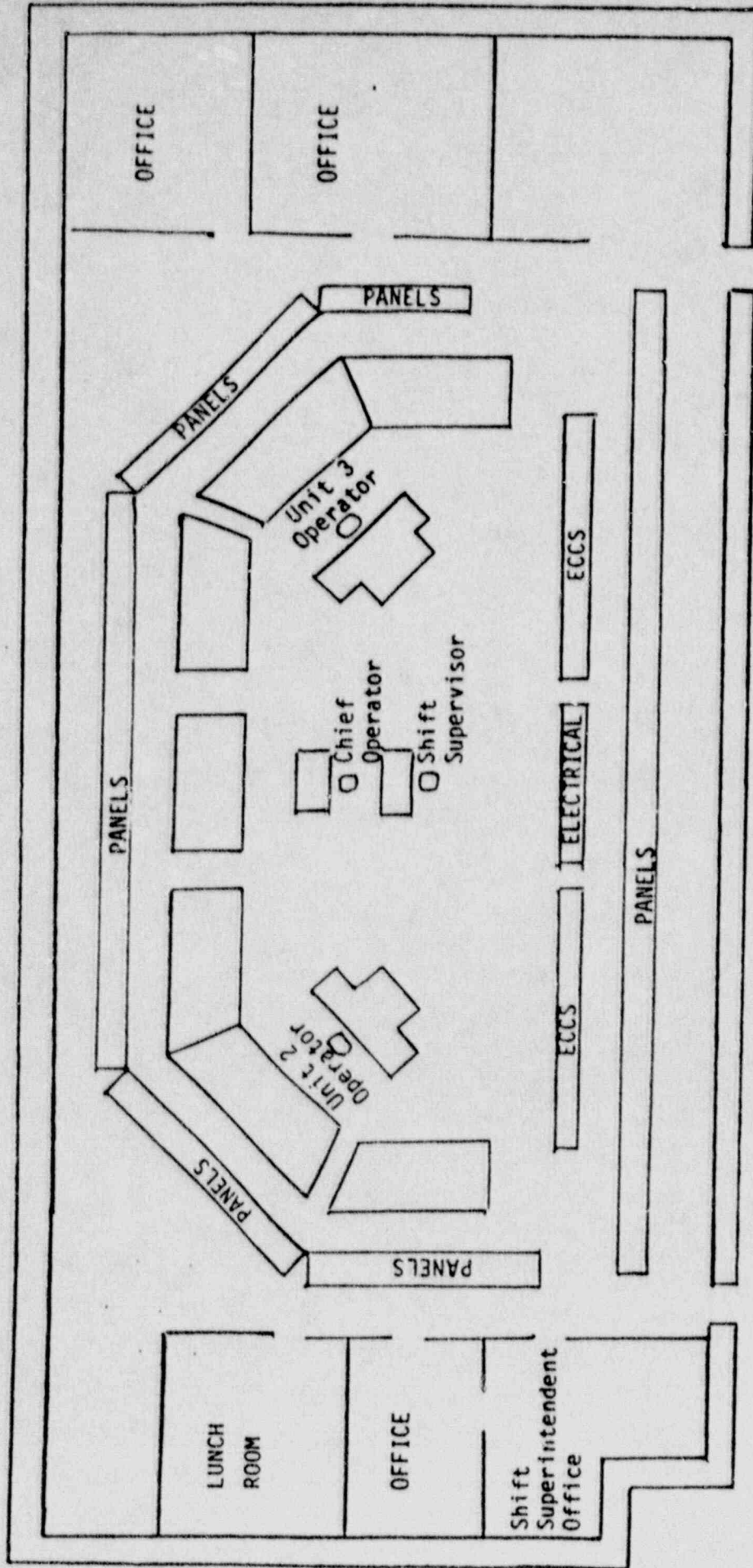
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- AUGUST 12, 1986 PECO RESPONSE TO SALP REPORT
- OCTOBER 20, 1986 PECO RESPONSE TO DIAGNOSTIC TEAM
INSPECTION
- DECEMBER 19, 1986 PEACH BOTTOM ENHANCEMENT PROGRAM -
INITIAL MEETING AT SITE
- FEBRUARY 20, 1987 ENHANCEMENT PROGRAM STATUS MEETING
AT SITE
- MARCH 31, 1987 ORDER SUSPENDING POWER OPERATIONS



PEACH BOTTOM CONTROL ROOM

NRC ORDER

- SHUTDOWN OPERATING UNIT WITHIN 36 HOURS, MAINTAIN BOTH UNITS COLD SHUTDOWN
- 7 DAY RESPONSE (PLAN TO ASSURE COMPLIANCE WHILE SHUTDOWN)
- PROVIDE COMPREHENSIVE PLAN FOR SAFE FACILITY OPERATION TO REGIONAL ADMINISTRATOR FOR APPROVAL
- REGIONAL ADMINISTRATOR MAY RELAX ABOVE PROVISIONS ON DEMONSTRATION OF GOOD CAUSE

PECO SEVEN DAY RESPONSE

- ESTABLISH 24 HOUR CONTROL ROOM COVERAGE BY GROUP REPORTING TO CORPORATE QUALITY ASSURANCE
- REPLACED ONE STATION ENGINEER
- MADE HUMAN FACTOR CHANGES TO CONTROL ROOM
- HEIGHTENED OPERATOR AWARENESS
 - MEETINGS, STATUS REPORTS
 - REQUIRED READING
 - ADDITIONAL LOG KEEPING
 - POST ORDER AND SUMMARIZE
- UNANNOUNCED VISITS BY SENIOR MANAGEMENT ON BACK SHIFTS

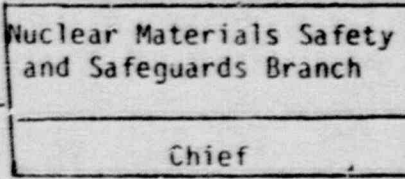
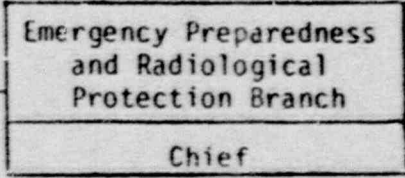
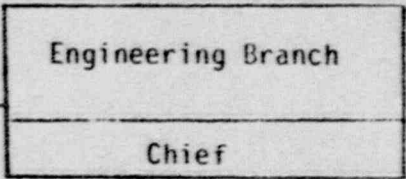
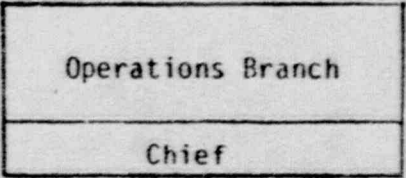
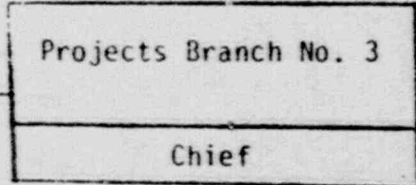
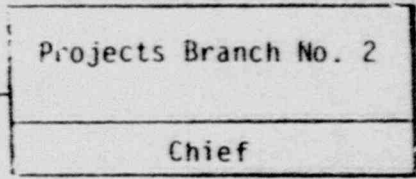
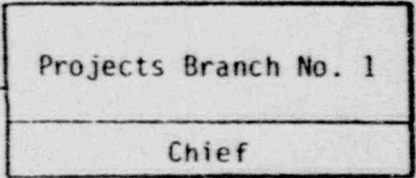
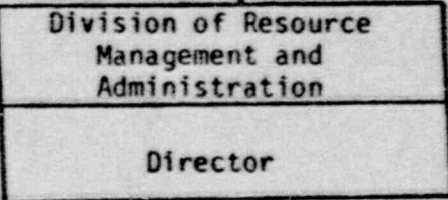
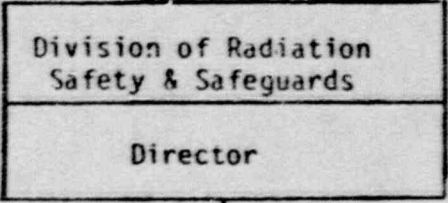
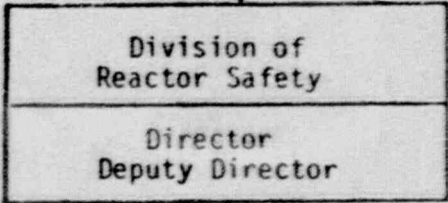
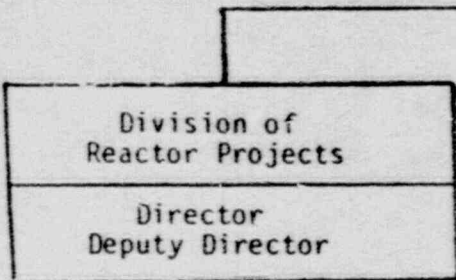
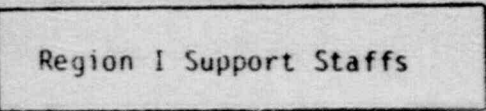
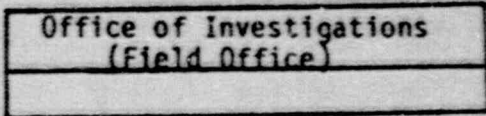
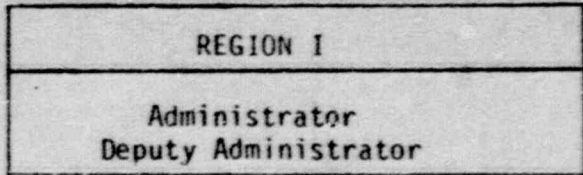
INVESTIGATIONS OF PEACH BOTTOM OPERATIONS

- AN NRC INVESTIGATION IS ON-GOING
- ON APRIL 6, 1987, PECO ANNOUNCED THE FORMATION OF THREE SEPARATE GROUPS FOR INVESTIGATING OPERATOR PERFORMANCE AT PEACH BOTTOM
 - AN IN-HOUSE GROUP OF CORPORATE OFFICERS WITH ASSISTANCE FROM MANAGEMENT ANALYSIS COMPANY (MAC) WILL CONDUCT THE INVESTIGATION AND MAKE RECOMMENDATIONS FOR CORRECTIONS AND RE-START. MAC STARTED THEIR INVESTIGATION ON 4/2
 - PECO BOARD OF DIRECTORS - THE DIRECTORS OUTSIDE THE COMPANY WILL REVIEW THE IN-HOUSE GROUP'S FINDINGS
 - INPO - WILL PROVIDE ADDITIONAL REVIEW AND ADVISE ON THE FINDINGS

BRIEFING ON STATUS OF PEACH BOTTOM
COMMONWEALTH OF PENNSYLVANIA

MAY 6, 1987

A/8



PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM

CHAIRMAN OF THE BOARD AND CEO

J. L. Everett

PRESIDENT AND CHIEF OPERATING OFFICER (COO)

J. H. Austin, Jr.

¹SENIOR VICE PRESIDENT ENGINEERING & PRODUCTION

J. S. Kemper

ELECTRIC PRODUCTION VP

¹NUCLEAR OPERATIONS VP

ENGINEERING & RESEARCH VP

A. J. Weigand

J. W. Gallagher

S. J. Kowalski

QA DIVISION
SUPERINTENDENT

¹NUCLEAR GENERATION
DEPARTMENT

NUCLEAR SUPPORT
DEPARTMENT

R. H. Moore

G. M. Leitch

M. J. Cooney

^{3*}PEACH BOTTOM
MANAGER

SUPERINTENDENT
OPERATIONS

ADMINISTRATION
ENGINEER

SUPERINTENDENT
SERVICES

^{2*}OPERATIONS
ENGINEER

SHIFT SUPERINTENDENTS

- 1. Assumed Duties December 1, 1986
- 2*. Replaced After Issuance of Shutdown Order
- 3*. Replaced Effective May 11, 1987

ENFORCEMENT HISTORY-PEACH BOTTOM ATOMIC POWER STATION

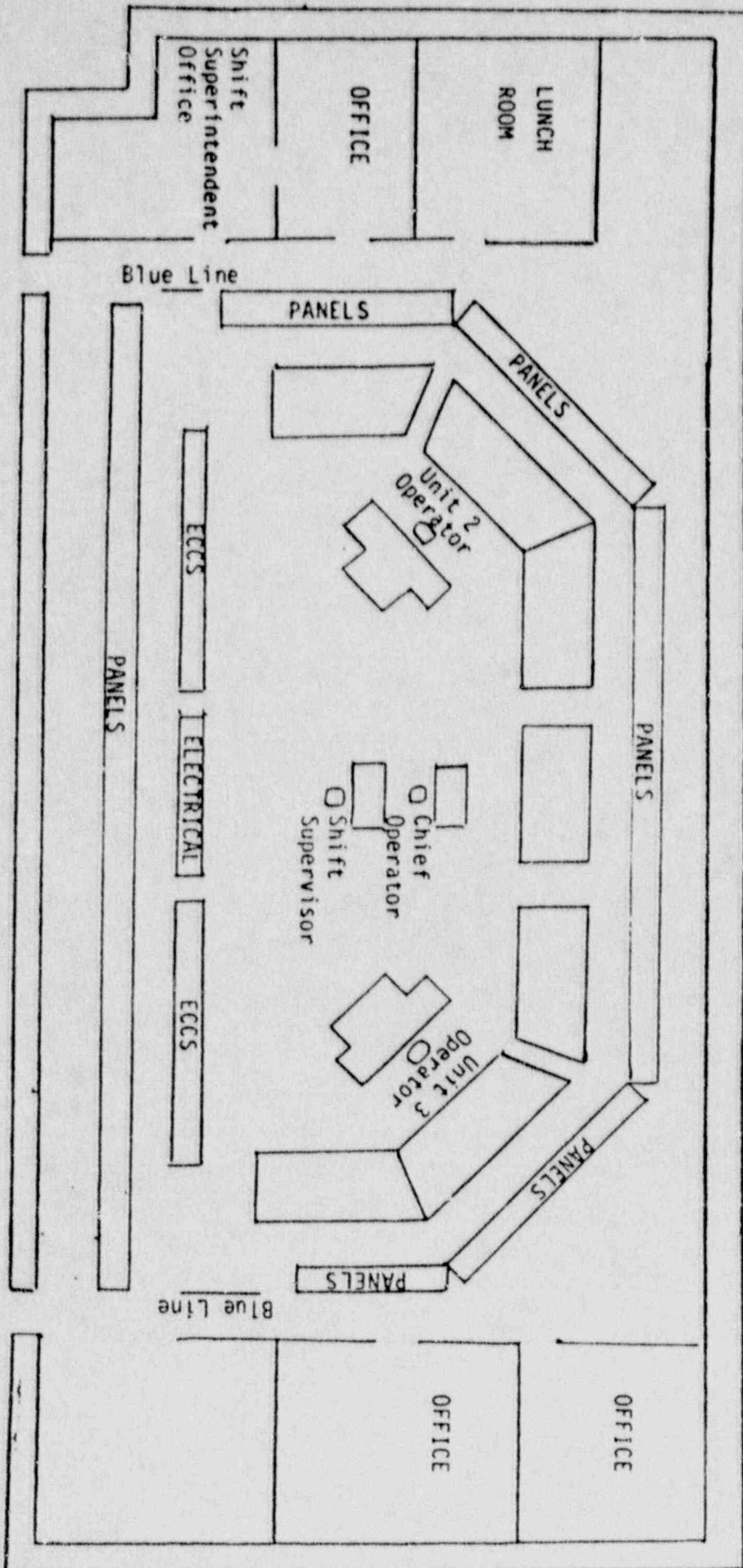
1. MARCH 1983 CIVIL PENALTY, ON RADIATION PROTECTION AND PLANT OPERATIONS INSPECTION FINDINGS DURING OCTOBER AND MAY TO SEPTEMBER 1982 (\$140,000).
2. JUNE 1983 CIVIL PENALTY, CONTAINMENT INTEGRITY VIOLATION (\$40,000).
3. JUNE 1984 CIVIL PENALTY (PLANT OPERATIONS ERRORS) UNPLANNED PRESSURIZATION, EXCESSIVE HEATUP RATES, EXCESSIVE ROD SCRAM TIMES. (30,000).
4. JUNE 1984 ORDER REGARDING ABOVE ACTION.
5. JUNE 1985 CIVIL PENALTY, VIOLATIONS OF RADIATION PROTECTION PRACTICES DURING THE UNIT 2 PIPE REPLACEMENT OUTAGE (\$25,000).
6. JUNE 1986 CIVIL PENALTY, OUT OF SEQUENCE CONTROL ROD WITHDRAWAL DURING A UNIT 3 STARTUP (\$200,000).
7. FEBRUARY 1987 CIVIL PENALTY, DISMISSAL OF EMPLOYEE ENGAGED IN PROTECTED ACTIVITIES (\$50,000)
8. MARCH 1987 AN ORDER WAS ISSUED ON MARCH 31, 1987 SUSPENDING POWER OPERATIONS

PEACH BOTTOM HISTORY SINCE 1986 SALP

- JUNE 6, 1986 NRC ISSUES SALP REPORT AND NOTES
PLANT MANAGEMENT WEAKNESSES
- JUNE 18-JULY 3, 1986 REGION J DIAGNOSTIC TEAM INSPECTION,
REPORT ISSUED SEPTEMBER 2, 1986
- JULY 12, 1986 SALP MANAGEMENT MEETING
- AUGUST 1, 1986 EDO/PECO SENIOR MANAGEMENT MEETING
- AUGUST 12, 1986 PECO RESPONSE TO SALP REPORT
- OCTOBER 20, 1986 PECO RESPONSE TO DIAGNOSTIC TEAM
INSPECTION
- DECEMBER 19, 1986 PEACH BOTTOM ENHANCEMENT PROGRAM -
INITIAL MEETING AT SITE
- FEBRUARY 20, 1987 ENHANCEMENT PROGRAM STATUS MEETING
AT SITE
- MARCH 31, 1987 ORDER SUSPENDING POWER OPERATIONS

ALLEGATION - OPERATORS SLEEPING ON DUTY

- ° CHRONOLOGY
- MARCH 24 REGION I RECEIVED INFORMATION CALL TO HEADQUARTERS FROM A CONFIDENTIAL SOURCE THAT OPERATORS WERE SLEEPING ON DUTY AT PEACH BOTTOM
- REGION I ASSIGNED INSPECTORS TO 24 HOUR COVERAGE AT PEACH BOTTOM UNTIL WE COULD CORROBORATE INFORMATION
- MARCH 25-26 OI/REGION I OBTAINED ADDITIONAL INFORMATION OF UNSATISFACTORY PRACTICES AT PEACH BOTTOM, E.G. READING NON-TECHNICAL MATERIAL. ALL LEVELS ON SHIFT INVOLVED AND MANAGEMENT AWARE
- MARCH 27, 28, 29 OI/REGION I INVESTIGATED AND SUBSTANTIATED, THROUGH ADDITIONAL INTERVIEWS, OPERATORS SLEEPING ON DUTY
- MARCH 31 SHUTDOWN ORDER ISSUED AT PECO AT 11:30 A.M. DELIVERED PERSONALLY
- PECO BEGINS UNIT 3 SHUTDOWN FROM 100% POWER AT 11:40 A.M. AND ACHIEVED COLD CONDITIONS AT MIDNIGHT. PB 2 WAS SHUT DOWN
- ° SUMMARY OF FINDINGS
- ONE OCCASION ALL THREE OPERATORS ASLEEP. SHIFT SUPERVISOR READING MAGAZINE
 - ALL OPERATORS GATHERED AROUND COMPUTER PLAYING COMPUTER GAME
 - SHIFT SUPERINTENDENT ASLEEP, SHIFT SUPERVISOR AND TWO OPERATORS IN CONTROL ROOM ASLEEP, THIRD OPERATOR IN ANOTHER ROOM
 - SHIFT SUPERINTENDENT ASLEEP FOR 1 1/2 HOURS
- ° KEY POINTS OF DECISION
- PERVASIVE (MULTIPLE INCIDENTS INVOLVING MORE THAN ONE OPERATOR)
 - LONG STANDING (OBSERVED OVER A PERIOD OF TIME)
 - EXTENSIVE CORROBORATION
 - MANAGEMENT WAS AWARE AND HAD NOT BEEN ABLE TO CORRECT PROBLEM



PEACH BOTTOM CONTROL ROOM

NRC ORDER

- SHUTDOWN OPERATING UNIT WITHIN 36 HOURS, MAINTAIN BOTH UNITS COLD SHUTDOWN
- 7 DAY RESPONSE (PLAN TO ASSURE COMPLIANCE WHILE SHUTDOWN)
- PROVIDE COMPREHENSIVE PLAN FOR SAFE FACILITY OPERATION TO REGIONAL ADMINISTRATOR FOR APPROVAL
- REGIONAL ADMINISTRATOR MAY RELAX ABOVE PROVISIONS ON DEMONSTRATION OF GOOD CAUSE

PECO SEVEN DAY RESPONSE

- ESTABLISH 24 HOUR CONTROL ROOM COVERAGE BY GROUP REPORTING TO CORPORATE QUALITY ASSURANCE
- REPLACED OPERATIONS ENGINEER
- MADE HUMAN FACTOR CHANGES TO CONTROL ROOM
 - ° CHAIRS
 - ° SS POST ELEVATED
- HEIGHTENED OPERATOR AWARENESS
 - ° MEETINGS, STATUS REPORTS
 - ° REQUIRED READING
 - ° ADDITIONAL LOG KEEPING
 - ° POST ORDER AND SUMMARIZE
- UNANNOUNCED VISITS BY SENIOR MANAGEMENT ON BACK SHIFTS

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 - INPO - WILL PROVIDE ADDITIONAL REVIEW AND INDEPENDENT ANALYSIS AND ADVISE ON THE FINDINGS
- ON MAY 5, 1987, PECO BRIEFED NRC SENIOR MANAGEMENT ON THE STATUS OF THEIR INVESTIGATION