



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

June 9, 1992

Docket Nos. 50-277
and 50-278

LICENSEE: Philadelphia Electric Company, et. al.
FACILITY: Peach Bottom Atomic Power Station, Units 2 and 3
SUBJECT: SUMMARY OF MAY 15, 1992 MEETING ON STATION BLACKOUT AND
MODIFICATIONS TO PEACH BOTTOM ON-SITE POWER DISTRIBUTION
SYSTEMS (TAC NOS. 68582 AND 68583)

On May 15, 1992, the NRC staff met with Philadelphia Electric Company (PECo) representatives at the NRC offices in Rockville, Maryland, to discuss modifications to the Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3, on-site power distribution system and to discuss the staff's response to the licensee's April 24, 1991 Station Blackout (SBO) analysis.

Philadelphia Electric Company representatives opened the meeting by describing Peach Bottom's on- and off-site power distribution configuration including layout and reliability of the PJM Grid, historical reliability of the Emergency Diesel Generators (EDG), plant proximity to hydroelectric power sources and details of the Peach Bottom switchyard. PECo then discussed the chronological history of Peach Bottom's efforts on the Station Blackout Rule and concluded that PECo stood by their SBO analysis of April 24, 1991.

The licensee then discussed the influence of a number of other related issues including probabilistic risk assessment (PRA) insights into on-site load management and the marginal capacity of the plants Class 1E batteries on the risk associated with a loss of offsite power or SBO event. PECo described that, in response to these issues, they had taken steps to improve the plant's station blackout procedures and battery capability. The licensee contended that these improvements decreased the risk associated with a loss of offsite power by a significant amount.

The licensee then described that, in light of items discussed at a recent high level management meeting between senior NRC management and senior PECo management, the licensee had reassessed their distribution system and considered various modification options. PECo proposed to install a dedicated, weather protected power feeder from the Conowingo Hydroelectric Station and tie it into the Peach Bottom switchyard. PECo stated that an investment in such a feeder would be justifiable only if the plant could gain some additional operating flexibility by extending the current allowed out of service time (AOT) for a single EDG. Specifically, PECo made the following proposal:

1. That the NRC find the Station Blackout analysis contained in PECo's April 24, 1991 submittal acceptable.

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2. That PECO would continue with its planned installation of the non-Class 1E batteries and remove most non-Class 1E loads off of the Class 1E batteries.
3. That PECO would install a dedicated, weather protected AC power feeder from the Conowingo Hydroelectric Station to Peach Bottom and tie it into the onsite AC distribution system by the end of 1993.
4. That PECO would request an allowed out of service time for a single EDG of 30 days as compared to the current 7 days, based on the operation of the Conowingo feeder.
5. That PECO would commit to maintaining its current maintenance efficiency standards for maintenance of the EDGs.

In response to the licensee's presentation, the staff stated its position that the PECO's current Station Blackout (SBO) analysis was unacceptable primarily due to the excessively complex and numerous operator actions required for Peach Bottom to achieve a two-out-of-three Emergency AC configuration. The staff stated that it was open to the idea of a relaxation of EDG AOTs provided that the details of the proposed line from Conowingo were acceptable. Enclosed is a list of meeting attendees.

/s/
Joseph W. Shea, Acting Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Meeting Attendees

cc w/enclosure:
See next page

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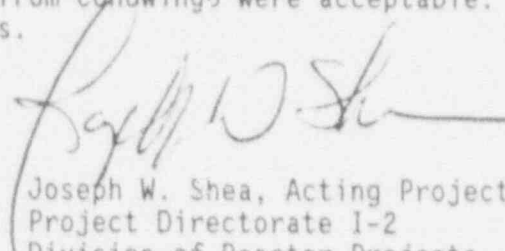
Docket File	MO'Brien	GHubbard
NRC & Local PDRs	JShea	AToalston
TMurley/FMiraglia	RClark	ACRS(10)
WRussell	OGC	RLobel, 17G21
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JCalvo	FRosa	JLyash, RGN-I
CMiller	PGill	

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Joseph W. Shea, Acting Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Meeting Attendees

cc w/enclosure:
See next page

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Peach Bottom Atomic Power Station,
Units 2 and 3

cc:

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ENCLOSURE

SUMMARY OF ATTENDANCE MEETING BETWEEN
PHILADELPHIA ELECTRIC COMPANY AND THE US NRC

15 MAY 1992

<u>NAME</u>	<u>ORGANIZATION</u>
1. D.M. Smith	PECo
2. D. Helwig	PECo
3. D. Miller	PECo
4. M. Gallagher	PECo
5. G. Gellrich	PECo
6. A. Giangiulio	PECO
7. R. Krich	PECo
8. W. Russell	NRR/ADT
9. A. Thadani	NRR/DST
10. F. Rosa	NRR/SELB
11. P. Gill	NRR/SELB
12. G. Hubbard	NRR/SPLB
13. A. Toalston	NRR/SELB
14. C. Miller	NRR/DRPE
15. J. Shea	NRR/DRPE
16. E. Wenzinger	RI/DRP
17. J. Lyash	RI/DRP
18. R. Lobel	NRC/OEDO
19. C. Casto	NRC/OEDO
20. M. Ring	NRC/OEDO
21. S. Maingi	PA/BRP
22. R. Karimi	SAIC
23. H. Abendroth	Atlantic Electric
24. R. Knieriem	Delmarva Power