

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

April 27, 1988
Docket Nos. 50-277
50-278

Mr. R. E. Martin, Project Manager
Project Directorate I-2
Division of Reactor Projects I/II
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: Use of Microprocessors in Plant Safety
System at Peach Bottom Atomic Power Station

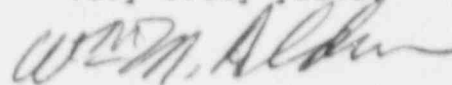
Dear Mr. Martin:

Your letter dated March 14, 1988 to E. G. Bauer, Jr. of Philadelphia Electric Company requested a meeting to discuss modifications that have been made to the Peach Bottom Reactor Protection System. Your letter also requested that PECO provide certain design and safety evaluation documentation associated with this modification prior to the meeting. Accordingly, we have enclosed the following material:

1. Purchase Specification EP-8653
2. Safety Evaluation for Modification 1457, Rev. 5
3. P&ID M-352, Nuclear Boiler Vessel Instrumentation
4. Foxboro Functional Control Diagrams, M-1-EE-461
5. Electrical Schematic Diagrams, RCIC, M-1-S-42
6. Electrical Schematic Diagrams, Core Spray, M-1-S-40
7. Electrical Schematic Diagrams, Auto Blowdown, M-1-S-52
8. Electrical Schematic Diagrams, HPCI, M-1-S-36
9. Electrical Schematic Diagrams, RHR, M-1-S-65

W. C. Birely of PECO will contact you to arrange a meeting between the NRC staff and PECO Nuclear Engineering. If you have any questions or require additional information prior to the meeting, please feel free to contact us.

Very truly yours,



Director
Licensing Section
Nuclear Support Division

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PDR ADOCK 05000277
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(Drawings to: Bob Stevens)

cc: Addressee (w/Enclosures)
T. P. Johnson, USNRC Senior Resident Inspector (w/o Enclosures)
T. E. Magette, State of Maryland (w/o Enclosures)

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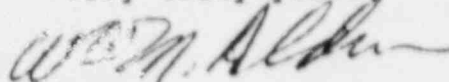
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cc: Addressee (w/Enclosures)
T. P. Johnson, Resident Inspector (w/o Enclosures)
T. E. Maguire, Maryland (w/o Enclosures)

*Acc'd
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Per:
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Drawings
To: Ba*