

October 4, 1984

*DOR OLC*

Docket No. 50-278

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MEMORANDUM FOR: Frank Miraglia, Deputy Director  
Division of Licensing

THRU: Gus C. Lainas, Assistant Director  
for Operating Reactors  
Division of Licensing

FROM: John F. Stolz, Chief  
Operating Reactors Branch No. 4  
Division of Licensing

SUBJECT: INDIVIDUAL FRN FOR A SPECIFIC PEACH BOTTOM UNIT 3 REQUEST

The licensee (Philadelphia Electric Company) has asked for an expedited review of the proposed amendment request in order to permit the start of a mini-test of the feasibility of using hydrogen water chemistry at Peach Bottom. The addition of hydrogen will result in higher releases of N-16 requiring temporary changes in radiation setpoints for the test. Scheduling of this first of a series of mini-tests (undertaken by GE) to be conducted at various BWRs did not permit the licensee and the staff sufficient time for inclusion of the proposed TS change in the monthly Federal Register Notice. The test at Peach Bottom is scheduled for late October, with the first week of November the last possible date for Unit 3 testing. The next possible time-frame for such a mini-test would be early in 1985. Since the NRC staff is on record as encouraging these mini-tests because of the potential long-term gains promised by H<sub>2</sub> additions in preventing IGSCC cracking, early issuance of this notice as an individual notice would greatly assist the Peach Bottom effort in conducting a test in November.

If you have any questions concerning this matter, please contact the Peach Bottom Project Manager, Gerry Gears on X28362.

John F. Stolz, Chief  
Operating Reactors Branch No. 4  
Division of Licensing

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