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JUN 15 1983

AEOD/E313

MEMORANDUM FOR: Karl V. Seyfrit, Chief  
 Reactor Operations Analysis Branch  
 Office for Analysis and Evaluation  
 of Operational Data

FROM: Earl J. Brown, Lead Engineer  
 Engineering Systems  
 Reactor Operations Analysis Branch

SUBJECT: POTENTIAL CONTAMINATION OF THE SPENT FUEL POOL  
 AND PRIMARY REACTOR SYSTEM

The enclosed Engineering Evaluation Report is forwarded for your information and further consideration. The evaluation indicates that contamination of the primary reactor system and spent fuel pool is a potential generic issue for all PWR plants. It appears appropriate to transmit this report to NRR for consideration to include monitoring of certain sulfur species in PWR water chemistry programs for the primary reactor system and the spent fuel pool.

The initial evaluation, E242, was included in the NEA Incident Reporting System (IRS) so it would seem appropriate to also provide this additional information.

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Earl J. Brown, Lead Engineer  
 Engineering Systems  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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