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OCT 28 1975

Harold R. Denton, Assistant Director for Site Safety, TR
THRU: Brian K. Grimes, Chief, Accident Analysis Branch, TR

MEETING WITH BECHTEL PERSONNEL REGARDING THE DAVIS-BESSE UNIT 1 SPENT
FUEL POOL EMERGENCY VENTILATION SYSTEM

PERSONS PRESENT: See Attached Sheet

Representatives of Bechtel met with NRC staff members for the previously scheduled meeting at 9:15 on October 15, 1975 in B. Grimes' office to discuss modifications in the spent fuel pool ventilation system. The discussion centered around Bechtel drawing numbers M-410, M-028A, M-411 and M-029A showing the auxiliary building and the containment and penetration rooms (copies on file in AAB). The current ventilation system requires manual isolation of the spent fuel building and initiation of blowers for the charcoal filter system after the control room operator hears an alarm.

Various possible changes to the system to meet our position on automatic actuation were discussed (including changes to ductwork, changes in logic and addition of radiation detectors and dampers), to improve the system with respect to the fuel handling accident without significantly degrading the ability of the system to cope with a LOCA.

As a sidelight of the meeting, the following problem was identified. It appears from drawing number M-410 that the radiation detector shown near the fuel handling air exhaust (HEPA) filter number F24 is too close to the air pressure activated isolation valves on both inlet and outlet to this filter to prevent the escape of contaminated air from a fuel handling accident. B. Grimes stated that radiation detectors (ionization chambers) would have to be located far enough upstream of the isolation dampers to ensure closure of these dampers before activity was released.

Charles Ferrell, Site Analyst
Accident Analysis Branch
Division of Technical Review

cc: B. Grimes
P. Atherton
A. Ungaro
A. Szukiewicz
L. Engle

POOR
ORIGINAL

OFFICE	AAB/SS/TR	AAB/SS/TR			
SURNAME	CFerrell/ahp	BGrimes			
DATE	10/28/75	10/28/75			

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DAVIS BESSE UNIT #1 MEETING WITH BECHTEL

RE: AUTOMATIC ISOLATION OF SPENT FUEL POOL BUILDING

Persons Present

P. Atherton
E. J. Ray
Charles Ferrell
A. R. Ungaro
T. R. Quay
B. Grimes

TR
Bechtel
AAB
APCSB
Bechtel
TR/AAB

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