

RECORD #16

TITLE: Applicability of Access Controls for Spent Fuel Pools

FICHE: 03063-180

0901/80



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

July 14, 1980

**FRPS**

MEMORANDUM FOR: ██████████ Inspection Staff  
FROM: A. B. Davis, Chief, Fuel Facility and Materials  
Safety Branch  
SUBJECT: APPLICABILITY OF ACCESS CONTROLS FOR SPENT FUEL POOLS  
██████████ MEMORANDUM NO. **F222**

The attached memorandum is a reply from HQ to a RIII inquiry on this subject. Please follow this guidance.

A. B. Davis, Chief  
Fuel Facility and Materials  
Safety Branch

Attachment: as stated

JUL 9 1980

MEMORANDUM FOR: A. E. Davis, Chief, Fuel Facility and Materials Safety  
Branch, Region III

FROM: Leo E. Higginbotham, Assistant Director, Division of Fuel  
Facility and Materials Safety Inspection, IE

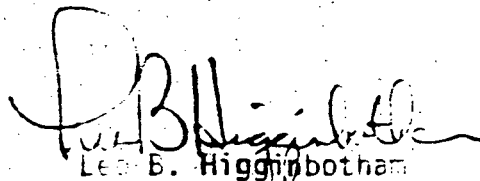
SUBJECT: APPLICABILITY OF ACCESS CONTROLS FOR SPENT FUEL POOLS  
(AITS F03064080)

We have reviewed the applicability of 10 CFR 20.203(c)(2) to spent fuel pools as requested in your June 11, 1980 memorandum.

Materials in the spent fuel pool that could cause an individual to receive a dose in excess of 100 millirem to a major portion of the body in one hour are normally greater than 10 or more feet below the surface of the pool. Under these conditions, spent fuel pool areas are not high radiation areas due to their inaccessibility to personnel performing "above pool-surface" duties, and therefore, the requirements of 10 CFR 20.203(c)(2) do not apply.

However, when a diver enters the pool or upon movement of highly radioactive materials stored in the pool, proper health physics controls must be instituted.

If you have any questions regarding this explanation, please contact Jim Wigginton of my staff.



Leo E. Higginbotham  
Assistant Director  
Division of Fuel Facility and  
Materials Safety Inspection, IE

cc: W. Fisher, R. III  
L. Cunningham, IE  
T. Murphy, RAE

CONTACT: Jim Wigginton  
49-28188

JUL 15 1980