



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

TERA

OCT 09 1979

MEMORANDUM FOR: Olan D. Parr, Chief  
Light Water Reactors Branch No. 3, DPM

FROM: Robert E. Jackson, Chief  
Geosciences Branch, DSS

SUBJECT: MOISTURE CONTROL OF AUXILIARY DAM CORE ABOVE  
ELEVATION 225 FT.

PLANT NAME: Shearon Harris, Units 1-4  
LICENSING STAGE: Post CP  
DOCKET NUMBERS: 50-400/403  
MILESTONE NUMBER: R-18  
RESPONSIBLE BRANCH: LWR-3; S. Miner, LPM  
REVIEW STATUS: Auxiliary Dam - Complete

In a letter from M. A. McDuffie, CP&L to H. Denton, NRR, dated September 29, 1979, the applicant submitted a design change notification, DCN-550-347, which changes the moisture control requirements in the core of the west auxiliary dam. Whereas the specifications previously required all moisture contents to be within - 2% to +2% of optimum moisture content, the DCN requires the moisture content to be within - 1% to +3% of optimum moisture content at elevations above 225 ft. We have reviewed this submittal by the applicant and we approve this change. This review was made by Dr. Owen Thompson, Geotechnical Engineering Section, GB, DSS.

*Lyman W. Heller*  
for Robert E. Jackson, Chief  
Geosciences Branch  
Division of Systems Safety

cc: M. Schroeder  
J. Knight  
S. Varga  
R. Shewmaker  
C. Murphy  
T. Conlon  
R. Bradley  
J. Lenahan  
J. Harris  
R. Jackson

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Local PDR ✓

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