



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

DEC 21 1984

MEMORANDUM FOR: Olan Parr, Chief  
Auxiliary Systems Branch  
Division of Systems Integration

FROM: George Lear, Chief  
Structural and Geotechnical Engineering Branch  
Division of Engineering

SUBJECT: PREPARATION OF A STATEMENT ON THE NRC STAFF'S POSITION ON  
THE SPENT FUEL POOL LINER FOR COMANCHE PEAK NPP

We reply to the request for identification of the structural engineering acceptance criteria on the design of spent fuel liners, based on V. Noonan memorandum, dated December 7, 1984, and discussions between S. Burwell and J. Holonick with F. Rinaldi of my staff. We understand this information will be used by your staff in the preparation of the staff position on spent fuel pool liners for Comanche Peak NPP.

The fuel pool is considered a Category I structure. However, the fuel pool liner is not designed as a load supporting member, including the seismic loads resulting from SSE. Although the liner has load carrying capability, no credit for this load carrying capacity is considered in the design of the spent fuel pool. The structural engineering staff requires that the structure providing structural support to the liner system be a Category I structure, and that a leak chase system be provided. These requirements are intended to assure that the liner will function to provide a leak tight barrier, a surface suitable for decontamination, and a leak detection system, as required by your staff.

The Division of Reactor Construction Inspection, IE, informed all regional offices in early 1979 on the above classification of spent fuel pool liner plates. We are enclosing copies of two IE memos on the subject. If you have additional questions, contact Frank Rinaldi of my staff.

George Lear, Chief  
Structural and Geotechnical Engineering Branch  
Division of Engineering

Enclosure: As stated

cc: See next page.

8412280162  
LA 3pp

A/24

Parr

-2-

cc: T. Novak  
V. Noonan  
J. Knight  
T. Sullivan  
J. Youngblood  
S. Burwell  
G. Ankrum  
L. Shao  
J. Holonick  
G. Lear  
P. Kuo  
F. Rinaldi

DEC 2 1 1984

MEMORANDUM FOR: Olan Parr, Chief  
Auxiliary Systems Branch  
Division of Systems Integration

FROM: George Lear, Chief  
Structural and Geotechnical Engineering Branch  
Division of Engineering

SUBJECT: PREPARATION OF A STATEMENT ON THE NRC STAFF'S POSITION ON  
THE SPENT FUEL POOL LINER FOR COMANCHE PEAK NPP

We reply to the request for identification of the structural engineering acceptance criteria on the design of spent fuel liners, based on V. Noonan memorandum, dated December 7, 1984, and discussions between S. Burwell and J. Holonick with F. Rinaldi of my staff. We understand this information will be used by your staff in the preparation of the staff position on spent fuel pool liners for Comanche Peak NPP.

The fuel pool is considered a Category I structure. However, the fuel pool liner is not designed as a load supporting member, including the seismic loads resulting from SSE. Although the liner has load carrying capability, no credit for this load carrying capacity is considered in the design of the spent fuel pool. The structural engineering staff requires that the structure providing structural support to the liner system be a Category I structure, and that a leak chase system be provided. These requirements are intended to assure that the liner will function to provide a leak tight barrier, a surface suitable for decontamination, and a leak detection system, as required by your staff.

The Division of Reactor Construction Inspection, IE, informed all regional offices in early 1979 on the above classification of spent fuel pool liner plates. We are enclosing copies of two IE memos on the subject. If you have additional questions, contact Frank Rinaldi of my staff.

/s/  
George Lear, Chief  
Structural and Geotechnical Engineering Branch  
Division of Engineering

Enclosure: As stated

cc: See next page.