



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

Cocket Nos. STN 50-482
STN 50-483
STN 50-484
STN 50-485
STN 50-486

JUL 12 1978

MEMORANDUM FOR: Roger J. Mattson, Director, Division of Systems Safety
FROM: Olan D. Parr, Chief, Light Water Reactors Branch No. 3,
Division of Project Management
SUBJECT: TECHNICAL ASSISTANCE REQUEST, DESIGN CRITERIA FOR
SNUPPS PLANTS CONTAINMENT STRUCTURE

The enclosed Technical Assignment Control Form (Enclosure 1) was prepared to initiate the review of the request submitted by the SNUPPS utilities by letter dated May 3, 1978, which is attached as Enclosure 2. The SNUPPS letter requests that we modify our position regarding the maximum reinforcing steel cover tolerance in the SNUPPS containment structure for certain special cases described in the SNUPPS letter.

The issue of maximum and minimum tolerances for the reinforcing steel cover on the SNUPPS containment structure was initially reviewed by the Structural Engineering Branch in response to our request dated February 21, 1978 (Activity Code R18 4820). The evaluation of the February 21, 1978 request was provided by the Structural Engineering Branch by memorandum dated March 9, 1978.

As stated in the May 3, 1978 SNUPPS letter, there are two special cases for the third through sixth lifts where it may not always be possible to meet the absolute maximum cover established in our previous evaluation. These cases are discussed in the letter. It is our understanding that for the lead SNUPPS unit, Callaway Unit 1, the sixth lift has been completed and non-conformance reports were required for these special areas since the maximum tolerance could not be met. With regard to the other SNUPPS plant (Wolf Creek) currently under construction, preparations are now being made for the third lift.

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Enclosure 3 is a memorandum dated July 3, 1978, from H. D. Thornburg to D. B. Vassallo in which IE states that, based on its review of the SNUPPS request, the proposed exception on the maximum cover can be approved for the penetration banks on all SNUPPS units.

The proposed review schedule, as listed in the remarks section of Enclosure 1, requires staff comments by July 31, 1978. It is expected that the Structural Engineering Branch will need to review the SNUPPS May 3, 1978 letter and provide comments.

Olan D. Parr
Olan D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management

Enclosures:

1. Technical Assignment Control Form
2. Ltr dtd 5/3/78 fm N. S. Petrick to B. H. Grier
3. Memo dtd 7/3/78 fm H. D. Thornburg to D. B. Vassallo

cc w/enclosures:

R. Boyd
R. DeYoung
D. Vassallo
J. Knight
I. Sihweil
H. Thornburg
MPA
L. Crocker
H. Berkow