



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

NOV 05 1984

MEMORANDUM FOR: George W. Knighton, Chief  
Licensing Branch No. 3  
Division of Licensing

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

SUBJECT: SNOW AND ICE LOAD - BEAVER VALLEY POWER STATION UNIT NO. 2

E. Markee of Meteorology and Effluent Treatment Branch (METB) has expressed concerns that a snow and ice load of 100 PSF should be used in the design of Category I Structures at BV.2, whereas the applicant only used 72 PSF in the design. METB brought up this issue in the draft SER (February 24, 1984), and the applicant's response (July 30, 1984) stated that 72 PSF for snow and ice was sufficient. Finally, METB issued a memo to G. Knighton (August 21, 1984) disagreeing with the applicant's positions (see enclosure for all the references). We concur with the METB's position and suggest that the applicant be requested to provide confirmation that all the Category I Structures at B.V.2 can safely withstand a snow and ice load of 100 PSF. If requested, we will be able to discuss the re-evaluation criteria with the applicant.

In addition, we sent you our SER on July 26, 1984. To date, we have not received any responses from the applicant to the open and confirmatory items contained in the SER. However, in order to resolve these open items, we need prompt responses from the applicant. We suggest to have a meeting in Bethesda with the applicant to resolve the outstanding issues.

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

Enclosure: As stated

cc: J. Knight  
I. Spickler  
E. Markee  
M. Ley  
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