

May 6, 2005

Pat Schroeder, Standards Administrator  
American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, Illinois 60526

SUBJECT: ADVISORY COMMITTEE ON REACTOR SAFEGUARDS COMMENTS ON  
ANSI/ANS STANDARD 58.2- DESIGN BASIS FOR PROTECTION OF LIGHT  
WATER NUCLEAR POWER PLANTS AGAINST THE EFFECTS OF  
POSTULATED PIPE RUPTURE

Dear Ms. Schroeder:

Attached to this letter are comments made by the Advisory Committee on Reactor Safeguards (ACRS) on the ANSI/ANS Standard 58.2, "Design Basis for Protection of Light Water Nuclear Power Plants Against the Effects of Postulated Pipe Rupture," dated 1988. The ACRS made these comments while reviewing the staffs' use of ANSI/ANS Standard 58.2 in a safety evaluation for the resolution of Generic Safety Issue (GSI)-191. Appendix I of the safety evaluation presents a detailed examination of the ANSI/ANS jet model for use in determining debris generation. The safety evaluation and additional references are also attached. In addition, the transcripts of the discussions between the staff and ACRS are publically available on the NRC website (ML042930218 and ML042920488).

Please forward these comments and supporting materials to the proper standards committee for their review and possible incorporation into a future revisions. Thank you.

Sincerely,

*/RA/*

John N. Hannon, Chief  
Plant Systems Branch  
Division of Systems Safety and Analysis  
Office of Nuclear Reactor Regulation

Attachments: As stated

cc:  
Ralph Caruso  
John Fair  
Bruce Letellier, LANL

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