

Central File

SEP 26 1974

Project No. 538

John F. Stolz, Chief, LWR 2-1, L

PRELIMINARY REVIEW OF GESSAR-251

Plant Name: GESSAR251  
 Project No.: 538  
 Licensing Stage: Preliminary Review  
 NSS Suppliers: General Electric  
 Architect Engineer: N/A  
 Containment Type: N/A  
 Responsible Branch & Project Manager: LWR 2-1: D. Crutchfield  
 Requested Completion Date: September 25, 1974  
 Applicant's Response Date: N/A  
 Review Status: Complete

As requested by your memorandum, dated September 3, 1974, the Containment Systems Branch has performed a preliminary review of the applicable parts of GESSAR-251. Since GESSAR-251 is basically a standardized NSS, its primary interface with the containment is specification of blowdown mass and energies. Based on our review we conclude that Section 6.2 is acceptable for the initiation of a detailed technical review; however, several deficiencies have been identified and are itemized in the enclosure. We do not anticipate significant problems in our review of this application.

One man-day of effort was expended on this preliminary review.

Signed by *James Shapaker*  
 for Gus Lainas

Gus C. Lainas, Chief  
 Containment Systems Branch  
 Directorate of Licensing

cc: w/o encl.  
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DATE	9/25/74	9/25/74			

REQUEST FOR ADDITIONAL INFORMATION

GENERAL-251

PROJECT NO. 538

1. Update the text and references given in Section 6.2 on steam line and recirculation line blowdown to include modeling of pipe mass inventories.
2. Provide the mass and energy release rates as a function of time which will be specified as input to containment subcompartment analyses for postulated ruptures of a RWCU line and RHR head spray line.