

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 EACIL:50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester: G 05000244  
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 ZWOLINSKI,J.A. Operating Reactors Branch 5

SUBJECT: Informs of proposed deletion of requirement to install  
 second automatic containment isolation valve in seal return  
 line, per review of SEP Topic VI-4, "Containment Isolation  
 Valves (mechanical)," due to costs involved.

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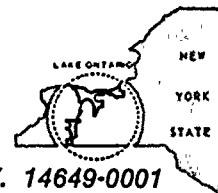
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	NRR/DL/TAPMG		1	1	NRR/DSI/AEB		1	1	
	NRR/DSI/ASB		1	1	NRR/DSI/CSB	07	1	1	
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May 15, 1985

Director of Nuclear Reactor Regulation  
Attention: Mr. John A. Zwolinski, Chief  
Operating Reactors Branch No. 5  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: NUREG-0821, IPSAR Section 4.22.2, Containment Isolation Valves  
R. E. Ginna Nuclear Power Plant  
Docket No. 50-244

Dear Mr. Zwolinski:

During the review of SEP Topic VI-4, "Containment Isolation Valves (Mechanical)", RG&E had agreed that a second automatic containment isolation valve would be installed in the seal return line.

The PRA conducted as part of the Integrated Assessment for Ginna (Appendix D to NUREG-0821, December 1982), however, determined that this issue was of low importance in reducing risk because, as noted in section VI-4-5 of the PRA, which references WASH-1400, "...the only penetrations which contribute to containment leakage as a release path are those four inches or greater in diameter..." (The seal return line is 3" in diameter). Furthermore, in addition to the single containment isolation valve outside containment, the seal return line, including the volume control tank, have a design pressure greater than containment design. Thus, no potential post-accident leakage would be expected outside containment.

RG&E has just completed an evaluation of the cost and feasibility of installing this second isolation valve. The location of the seal return line is in a high radiation area, which is already heavily congested. An estimated expense of \$250,000 would be required to install the ASME Code Class 2 valve, with a Class 1E operator, and associated Class 1E safeguards actuation and control circuits. It is also expected that this task would result in significant doses to the installation crew, since the general radiation level is about 30 mr/hr, with a dose rate of up to 250 mr/hr at "hot spots". Since there is very little, if any, risk reduction benefit derived from the inclusion of the second valve, and it is not expected that any post-accident leakage could escape through this release path, yet there is significant increase in cost and man-rem exposure, RG&E proposes to delete the requirement to install this valve.

Very truly yours,

Roger W. Kober

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