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September 30, 1997

Joseph J. Hagan  
Vice President  
Operations  
Grand Gulf Nuclear Station

U.S. Nuclear Regulatory Commission  
Mail Station P1-37  
Washington, D.C. 20555

Attention: Document Control Desk

SUBJECT: Grand Gulf Nuclear Station  
Docket No. 50-416  
License No. NPF-29  
Control Room Envelope Leakage Potentially Exceeding  
License Condition 2.C(38) Limit - Final Report  
LER 97-003-01

GNRO-97/00090

Gentlemen:

By letter dated July 17, 1997, GGNS submitted an interim report docketing that License Condition 2.C(38), which governs the Control Room Envelope (CRE) in-leakage rate may have previously been violated. This potential license condition violation was believed to result from missing inner seals within electrical conduits that penetrate the CRE boundary. This interim report was submitted based on prudent and conservative interpretation of conduit seal field inspection data available at the time, for certain electrical conduits that penetrate the CRE boundary.

Our interim response stated that conduit seal inspection activities were ongoing and were expected to be completed by August 29, 1997. Upon completion of these inspection activities, we committed to supplement the interim report with a follow up report containing the latest information identified from the inspection activities. In accordance with the requirement of License Condition 2.F, the follow up report, which is a final report concerning this issue is attached. Revised text incorporated subsequent to submittal of the interim report is denoted by revision bars in the right-hand margin.

We have completed inspection of 100% of the inner seals for electrical conduits that penetrate the CRE boundary. Areas where a seal was either missing or presence of a seal could not be confirmed due to obstructions were conservatively sealed. As previously stated in our interim report, no current safety or habitability concerns exist or are believed to have previously existed due to this condition.

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Should you have any questions or require additional clarification of the information herein, please contact the licensee's representative listed on the attached report.

Yours truly,

*Bill Eaton*  
*for J. Hagan.*

JJH/CEB

attachment Report 50-416/97-03-01

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