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Docket Nos. 50-373  
and 50-374

DEC 2 1982

MEMORANDUM FOR: Thomas Novak, Assistant Director  
for Licensing  
Division of Licensing

FROM: William V. Johnston, Assistant Director  
Materials & Qualifications Engineering  
Division of Engineering

SUBJECT: REVISED SER FOR QA OF THE INDEPENDENT HVAC REVIEW  
AT LASALLE

In accordance with a commitment made by Jack Spraul of my staff at a meeting in your office on November 18, 1982 on the subject above, a revised SER was delivered to Tony Bournia, the LPM, before the COB that day. The revision, which provides additional detail of the staff review in accordance with your request and suggestions, is attached.

/s/

William V. Johnston, Assistant Director  
Materials & Qualifications Engineering  
Division of Engineering

Attachment:  
As stated

cc: A. Schwencer  
A. Bournia

XA Copy Has Been Sent to PDR

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**XA**

OFFICE	DE:QAB JSpraul:aj	DE:QAB WJass	DE:AD:MQE WJohnston				
SURNAME							
DATE	11/30/82	11/30/82	12/1/82				

### Quality Assurance

The C. F. Braun review and followup work was performed in accordance with its topical report on quality assurance, Topical Report 21A, "Nuclear Quality Assurance Manual Volume I." This Topical Report was originally found acceptable (i.e., meeting the requirements of Appendix B to 10 CFR Part 50) by the NRC in July 1975 with Amendment 5a (C. F. Braun's latest submittal) found acceptable by the NRC in July 1980. Although the entire QA program was not applicable to the independent HVAC review, the QA controls under Appendix B Criteria I, Organization; II, QA Program (including personnel training and qualification); V, Instructions, Procedures, and Drawings; VI, Document Control; X, Inspection; XVI, Corrective Action; XVII, Quality Assurance Records; and XVIII, Audits, did apply to this work.

C. F. Braun had a project quality assurance engineer at the site while the independent HVAC review was being performed. The quality assurance engineer was responsible for implementation of all quality assurance procedures on the program. Appendix B of the C. F. Braun final report is a copy of the "Project and Quality Assurance Instructions" for the independent HVAC review. The staff has read Appendix B of the report and concludes that the instructions appear to reasonably reflect the requirements of Appendix B to 10 CFR Part 50 for applicability to this work.

As part of C. F. Braun's quality assurance program, a qualified auditor from the C. F. Braun home office in California, who had no direct responsibility for implementing the program, audited the program while it was being implemented onsite. The report of the audit is included as Appendix K of the C. F. Braun

final report. Based on its review of the audit report, the staff concludes that the audit scope and depth appear to be appropriate.

Appendix K indicates the audit resulted in several comments and recommendations. The memorandum in Appendix K from Fiedler to McGugin shows the C. F. Braun response to each of the auditors comments and appears to acceptably close out any open item.

The staff concludes that the C. F. Braun's independent review of the HVAC systems was performed by qualified personnel in accordance with quality assurance controls adequate to provide credence to the results of the review.