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 NRC/PDR ACRS (16)
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Docket Nos.: 50-482
 and STN 50-483

Mr. John K. Bryan
 Vice President
 Union Electric Company
 1901 Gratiot Street
 Post Office Box 149
 St. Louis, Missouri 63166

Mr. Glenn L. Koester
 Vice President - Nuclear
 Kansas Gas and Electric Company
 201 North Market Street
 Post Office Box 208
 Wichita, Kansas 67201

Dear Gentlemen:

Subject: SNUPPS FSAR - Request for Additional Information:
 Chemical Technology

As a result of our review of your application for operating licenses we find that we need additional information regarding the SNUPPS FSAR. The specific information required is as a result of the Chemical Technology Section of the Chemical Engineering Branch review and is listed in the Enclosure.

To maintain our licensing review schedule for the SNUPPS FSAR, we will need responses to the enclosed request by June 28, 1981. If you cannot meet this date, please inform us within seven days after receipt of this letter of the date you plan to submit your responses so that we may review our schedule for any necessary changes.

Please contact Mr. Dromerick, SNUPPS Licensing Project Manager, if you desire any discussion or clarification of the enclosed request.

Sincerely,

Original signed by
 Robert L. Tedesco

Robert L. Tedesco, Assistant Director
 for Licensing
 Division of Licensing



Enclosure:
 As stated

cc: See next page

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OFFICE	DL:LB#1	DL:LB#1	DL:LB#1	DL:LB#1		
SURNAME	Dromerick, ys	GEdison	BYoungblood	RLTedesco		
DATE	5/22/81	5/27/81	5/27/81	5/22/81		

ENCLOSURE 1

Request for Additional Information
-- SNUPPS FSAR

- 281.0 Chemical Technology Section/Chemical Engineering Branch (CMEB)
- 281.1 (6.1.2) Indicate the total amount of protective coatings and organic materials (including conduit covered and uncovered cable insulation) used inside the containment that do not meet the requirements of ANSI N101.2 (1972) and Regulatory Guide 1.54. Evaluate the generation rates vs. time of combustible gases that can be formed from these unqualified organic materials under DBA conditions. Also evaluate the amount (volume) of solid debris that can be formed from these unqualified organic materials under DBA conditions that can reach the containment sump. Provide the technical basis and assumptions used for this evaluation.
- 281.2 (9.1.3) Regarding the fuel pool cooling and cleanup system, indicate the sampling frequency and criteria for filter and/or ion exchanger resin replacement. Items to be addressed should include (1) decontamination factor; (2) radiation level and (3) differential pressure.
- 281.3 (9.3.2 and Action Plan II.B.3) Describe the provisions to meet the requirements of post-accident sampling of the primary coolant and containment atmosphere. The description should address all the requirements outlined in Section II.B.3 of Enclosure 3 in NUREG-0737 (Clarification of TMI Action Plan Requirements) and should include the appropriate P & ID's. In addition, if gas chromatography is used for reactor coolant analysis, special provisions (e.g., pressure relief and purging) should be provided to prevent high-pressure carrier gas from entering the reactor coolant. With respect to clarification (4) in Section II.B.3 of NUREG-0737, if the chloride concentration in the reactor coolant samples exceeds the limit in the Technical Specification, verification that oxygen is less than 0.1 PPM will be mandatory. Provide also either (a) a summary description of procedures for sample collection, sample transfer or transport, sample analysis and analytical accuracy or (b) copies of procedures for sample collection, sample transfer or transport, sample analysis and analytical accuracy.

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