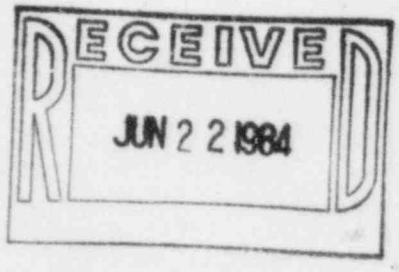
KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER
VICE PRESIDENT - NUCLEAR

June 20, 1984



Mr. E. H. Johnson, Acting Chief
Reactor Projects Branch 2
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

KMLNRC 84-092
Re: Docket No. STN 50-482
Ref: Final Report KMLNRC 84-013 dated 2/10/84 from GLKoester, KG&E, to JEGagliardo, NRC
Subj: Supplemental Report on Coatings in the Reactor Building

Dear Mr. Johnson:

The Reference provided a final report on a 10CFR50.55(e) concerning the application of coatings in the Reactor Building. In the corrective actions section of that report, Kansas Gas and Electric Company (KG&E) stated that the coatings on three structural steel members would be replaced. Subsequent evaluations have revealed that the location of the members and current status of construction in the Reactor Building do not permit the safe use of the brush blasting surface preparation required to replace these coatings. However, as stated in the Reference, the amount of unqualified coating on these members that could potentially separate during Design Basis Accident (DBA) conditions is not sufficient to exceed the allowable unqualified coating materials accounted for in the design and documented in the FSAR. The Architect/Engineer has revised the report on the Containment Coatings Acceptance Test Program to allow the nonconforming coatings on the three structural steel members to be used as-is.

In order to regain some of the design safety margin in this area, KG&E has taken other actions that should result in a net reduction in the quantity of unqualified coatings in the Reactor Building even with the estimated 170 square feet of nonconforming coatings on the structural steel members. These actions include:

1) Some of the pre-manufactured pipe support components which were furnished with manufacturer's standard shop applied coatings have been recoated with a DBA qualified coating system.

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2) Touch-up coating systems, previously considered unqualified, have been tested to provide data to substantiate their ability to withstand SNUPPS DBA conditions. Preliminary review of the test results indicate that the touch-up coating systems will perform favorably during DBA conditions.

Please contact me or Mr. Otto Maynard of my staff, if you have any questions concerning this subject.

Yours very truly,

Glenn L. Koester

GLK:cks

cc: PO'Connor
HBundy