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Standardized Nuclear Unit
Power Plant System

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SUBJ: IE Bulletin 84-02: Failures of GE Type HFA Relays

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Gentlemen:

The purpose of this letter is to provide a generic response on behalf of the SNUPPS Utilities; i.e. Union Electric Company and Kansas Gas and Electric Company, to the subject Bulletin advising holders of Construction Permits and Operating Licenses of relay failures in GE Type HFA relays containing Lexan/nylon coils. The subject bulletin further directs each operating plant or plant under construction to develop plans for replacing HFA relays used in Class 1E, safety-related systems.

Examination of project records indicates a series of actions were taken by SNUPPS starting in late 1980 to replace GE Type HFA relays used in Callaway and Wolf Creek plants with qualified GE Century Series units. Rework Plans implementing this changeout were issued to Callaway and Wolf Creek sites in June, 1981 covering HFA relays used in Class 1E safety-related applications. Supplemental plans covering HFA relays used in non 1E applications were issued in August, 1982 and directed each plant to either replace the relays in their entirety or alternatively the relay coils installed in these devices. Both jobsites confirm the original and supplemental Rework Plans have been satisfactorily implemented and all required replacements completed. Data supporting replacement of the GE HFA relays (or coils in the case of non 1E application) are available at each site.

A review by the Architect-Engineer, Bechtel Power Corporation, of other relays furnished by GE indicates Lexan coils are currently used in Type HGA and HMA relays. However, both Bechtel and GE indicate there have

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been no failures or difficulties associated with the use of Lexan coils in these relays. GE further indicates that the spools for the Lexan coils used in the HGA and HMA relays are of a different configuration from those used in the HFA units. Consequently, changeout or replacement of these relays is considered unnecessary.

This submittal is considered as a final response to the subject bulletin. If additional information or clarification is required, please advise.

Very truly yours,

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SDS/dck/6a28

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