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December 3, 1984

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Station Units 2 and 3
Quad Cities Station Units 1 and 2
Supplement 1 to NUREG-0737 Request for
Modification of Commission Order
NRC Docket Nos. 50-237/249, 50-254/265

- References (a): Cordell Reed letter to H. R. Denton
dated April 14, 1983
- (b): Dresden Station Confirmatory Order
dated June 12, 1984
- (c): Quad Cities Confirmatory Order
dated June 12, 1984

Dear Mr. Denton:

Several problems have been discovered which prevent the proper operation of the existing A-Model at Dresden and Quad Cities Stations. Although the A-Model is not specifically mentioned in the Confirmatory Orders, the Orders attempt to incorporate by reference our commitment letters. One of these letters, reference (a), contains a commitment to install the A-Model system by 01-01-85.

In response to the problems, a CECO task force has been established to recommend corrective actions to enable the A-Model system to properly operate in the automatic mode. Based on the task force's review, it is projected that the schedule for corrective actions will extend to 01-01-86.

Both hardware and software problems exist. The hardware problems center around the effluent monitors which have an unanticipated failure mode. To remedy this problem, an intelligent interface must be purchased which is capable of detecting malfunctions and transmitting monitor status and error information to the computer. In conjunction with this interface, the computer software must be modified to accept the additional information. Also the manner in which the A-Model program selects which effluent monitor signal to use must be altered.

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Compensatory measures have already been put into effect which will provide the information designed to be furnished by the A-Model program. These measures include the protective action criteria described in the Generating Station Emergency Plan Section 6 (Figure 6.3-1 and Tables 6.3-1, 6.3-2 and 6.3-3), station procedures, station training programs and GSEP Emergency Response facility procedures. These measures will enable the control room personnel to interpret high level effluent monitor readings and recommend initial protective actions. The C-model, which is functional, will be used to make offsite dose projections.

The implementation schedule extends to 1-1-86 because the corrective actions are sequential. A new monitor interface must be found, evaluated, and purchased before the scope of the software changes can be determined. After the software changes are made, testing, training, and generation of procedures remain to be done.

We respectfully request that the Confirmatory Orders be amended to include reference to this letter thus changing the A-Model implementation dated from 1-1-85 to 1-1-86.

Please address questions regarding this subject to this office. One signed original and fifteen copies of this letter are provided for your use.

Sincerely,



Greg Alexander
Nuclear Licensing Administrator

cc: D. G. Eisenhut

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SUBJECT: Informs that insp for turbine rotor B improperly chosen. Manufacturer recommended insp interval based on 4.5 yrs svc, not CY, Insp of rotor B will be performed during 1986 refueling outage per SEP Topic III-4.B.

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