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April 7, 1977

Mr. Dennis L. Ziemann, Chief
Operating Reactors - Branch 2
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



REGULATORY DOCKET FILE COPY

Subject: Dresden Station Units 2 and 3
Quad-Cities Station Units 1 and 2
Atmospheric Containment Air Dilution/
Containment Atmosphere Monitor System
(ACAD/CAM) NRC Docket Nos.
50-237/249 and 50-254/265

Reference (a): J. S. Abel letter to D. L. Ziemann dated
May 28, 1975.

Dear Mr. Ziemann:

Reference (a) stated the Atmospheric Containment Air Dilution/Containment Atmosphere Monitor System (ACAD/CAM) for Dresden Units 2,3 and Quad-Cities Units 1,2 would be completed by July, 1977. This letter is written to inform you of the systems status and to request extensions for the date given in Reference (a).

Many problems, such as, equipment delivery, containment access, weld procedure qualifications, and electrical equipment procurement have been encountered. The result of this is that it is doubtful any of the units can be completed by July, 1977. We would also like to point out that the system design has not been approved.

The status of work on the four units is as follows:

Dresden 2 - The 18 month fuel cycle established during the Spring 1976 outage, does not permit work inside the containment to start until September, 1977. When the original commitment was made in May, 1975 to complete the system by July, 1977, we were

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not aware of the 18 month cycle. It was thought a Spring 1977 outage would be available to complete work inside the containment. We now estimate the Dresden 2 system to be completed by December, 1977.

Dresden 3 - Approximately 70% of the piping work inside the containment was completed during the Fall 1976 outage. We estimate a 2-3 week outage to complete the work inside. There is no scheduled outage of this length until the March 1978 refueling outage. We, therefore, plan to complete the Dresden 3 system at the end of the March 1978 outage.

Quad Cities 1 - Work inside the containment is in progress during the present March 1977, refueling outage. We doubt, however, that this work will be completed because of insufficient time. It is estimated that 5 weeks working 2-10 hour shifts per day are needed to complete the work. A six week outage is planned and 3½-4 weeks are allotted for this work due to ISI and fuel movements. If the outage does indeed last six weeks it appears we will not have all the piping inside the containment completed and will need another 1-2 week outage. There is no scheduled 1-2 week outage until the next refueling outage in the Fall of 1978. Therefore, the system will not be ready for start-up until the Fall of 1978.

Quad Cities 2 - During the recent 3 week outage to repair the generator, approximately 65% of the work inside the containment was completed. The remainder of this work will be completed during the January, 1978, refueling outage.

As can be seen from the above, completing work inside the containment is the "critical path" portion of this job. Work outside the containment is progressing, however, because of problems with valve suppliers, compressor suppliers, instrument suppliers, and panel suppliers, we doubt that the July, 1977 completion date can be met for this portion of the project. The majority of these problems fall into two areas, one is vendors not meeting promised delivery dates and another is establishing and

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meeting acceptable QA programs and procedures (compressors and instruments). We are attempting to expedite delivery of all these components, however, at this time it is doubtful either the compressors or instruments will be received prior to August, 1977.

We, therefore, request that the commitment dates for the ACAD/CAM System be extended on a "per unit" basis per the following schedule:

Dresden 2 - System completed December, 1977.
Dresden 3 - System completed June, 1978.
Quad Cities 1 - System completed by December, 1978.
Quad Cities 2 - System completed by April, 1978.

If you have any questions concerning this request, please contact this office.

One signed original and 59 copies are provided for your use.

Very truly yours,



M. S. Turbak
Nuclear Licensing Administrator
Boiling Water Reactors