



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20565

February 11, 1992

Docket Nos. 50-413
and 50-414

Mr. M. S. Tuckman
Vice President, Catawba Site
Duke Power Company
4800 Concord Road
York, South Carolina 29745

Dear Mr. Tuckman:

SUBJECT: CONTROL ROOM AREA VENTILATION SYSTEM
(TAC NOS. M81291, M81292)

On August 12, 1991, the Duke Power Company (DPC or licensee) submitted an application to change the minimum allowed flowrate in the Technical Specification (TS) for the Control Room Area Ventilation System (CRAVS). We have discussed this application several times and in December 1991 and January 1992, a member of the NRR staff had visited the Catawba Site to view the CRAVS. As a result of our review activities to date, we have identified the following concerns that we request be addressed to facilitate the continued review of the application.

1. During the testing of the control room ventilation system at Catawba, it appeared that there may exist a source of inleakage at the flexible connection to 2 CR-AHU-1. The quantity of the inleakage should be quantified, and a determination made if this quantity possibly invalidated the existing assumption on inleakage in the licensee's accident evaluation of the control room operator doses. If this number invalidates the licensee's submitted accident evaluation, then a revised evaluation needs to be submitted.
2. Technical Specification Surveillance Requirements 4.7.6.c, 4.7.6.e.1, 4.7.6.f and 4.7.6.g should all specify the maximum flow rate that the filter unit is likely to see. Based upon previous conversations, it would appear that the value should be 5,400 cfm +/- 10%.
3. Surveillance Requirement 4.7.6.e.3 should specify the minimum flow which will pressurize the control room and still remains supported by the licensee's accident evaluation. The measurement location of this flow should not be the outside air makeup but rather the flow from the CRA-PFT-1 filter units after it has been divided into that which goes to the control room and that which goes to the control room area.

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Mr. M. S. Tuckman
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Catawba Nuclear Station

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Mr. M. S. Tuckman

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4. Submittal should reflect the latest amendment issued by the NRC on laboratory testing of the charcoal. (4.7.6.c.2 and 4.7.6.d)

We look forward to receipt of your response.

Sincerely,



Robert E. Martin, Sr. Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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