

Duke Power Company
Catawba Nuclear Generation Department
4800 Concord Road
York, SC 29745

D. L. REHN
Vice President
(803)831-3205 Office
(803)831-3426 Fax



DUKE POWER

July 21, 1994

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Subject: Catawba Nuclear Station, Units 1 and 2
Docket Nos. 50-413 and 50-414
Electrical Distribution System Functional Inspection (EDSFI)
Inspector Follow-up Item (IFI) 92-01-07, Finding # 5

Reference: Letter from M.S. Tuckman to NRC, dated May 14, 1992

Catawba Nuclear Station committed in the referenced letter to complete the simulation of the Emergency Diesel Generator (EDG) system under the LOCA/LOOP loading sequence using a new CYME computer program that will model individual loads. Until the new CYME computer program is developed, the existing Diesel Generator Modeling Program (DGMP) dynamic calculation fully complies with Regulatory Guide 1.9, "Selection, Design, Qualification and Testing of EDGs". The original schedule for completion of this simulation was July 15, 1994. The purpose of this letter to address the reason for extending the date for completion of this commitment.

A prerequisite required for this simulation was a detailed field test. The field test results were needed to QA certify the new CYME dynamic analysis program. Upon completion of the prerequisite field test, the analysis and assimilation of the test data into a form suitable for certification of the computer program was necessary. This conversion of data into a usable form took significantly longer than expected resulting in an approximate six month delay in providing this data to our Electrical Engineering Group for the QA certification and completion of the computer simulation. The final data was available to Electrical Engineering in December, 1993.

The original commitment in the referenced letter allocated a year from the time that the test data was expected to be available until the time that this calculation was to be completed. This work is now in progress and it is now anticipated that the computer simulation for Catawba Nuclear Station will be completed by December 31, 1994. Therefore the scheduled completion date for this commitment is December 31, 1994.

If there are any questions, please contact Jeff Lowery, Catawba Regulatory Compliance, at 803-831-3414.

D. L. Rehn, Site Vice-President
Catawba Nuclear Station

xc: S.D. Ebnetter, Regional Administrator, Region II
R.E. Martin, ONRR
R.J. Freudenberger, Catawba Senior Resident Inspector

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