

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

March 26, 1982



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

Attention: Ms. E. G. Adensam, Chief
Licensing Branch No. 4

Re: Catawba Nuclear Station
Docket Nos. 50-413 and 50-414

Dear Mr. Denton:

Your June 9, 1981 letter to W. S. Lee requested quarterly updates of the projected construction completion date for Catawba Unit 1. The following provides information for our third quarterly update. Erection rates of various commodities for the December, January, and February accounting periods are included.

Catawba Unit 1 is estimated to be 90% complete as of January 31, 1982. This completion figure is based on the installation of key commodities such as piping, support/restraints, cables, concrete, and instrumentation.

High velocity flush and chemical cleaning of the condenser and associated systems began on January 5, 1982. Efforts are now being concentrated on preparing several critical systems for hydro. These include the Chemical and Volume Control (NV) System, the Ice Condenser Refrigeration (NF) System, the Nuclear Service Water (RN) System, and the Upper Head Injection (UHI) System.

Our total Construction workforce increased from 3,670 on November 23, 1981, to 3,720 on March 14, 1982. In addition, there are 327 contractor personnel onsite. Second shift work and overtime is used where necessary to complete work on critical systems.

The following quantities of listed Unit 1 commodities were erected during the December, January, and February accounting periods (14 weeks).

<u>Commodities</u>	<u>Quantity Erected During Period</u>	<u>Quantity Remaining To Be Erected</u>
Structural Concrete (cy)	1,248	882
Piping (weighted value)	3,224	8,430
Cable Pulls (each)	574	2,574
Cable Terminations (each)	2,362	11,653
Instruments (equivalent loops)	622	2,364
Piping Support/Restraints (each)	2,556	15,635

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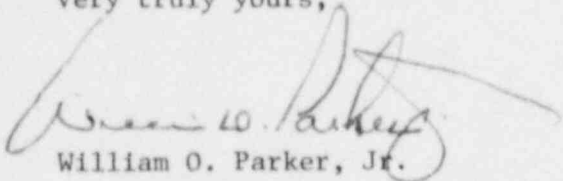
Mr. Harold R. Denton, Director
March 26, 1982
Page 2

The slippage of mechanical systems scheduled for turnover to the Steam Production Department for functional testing and continuing problems in erecting planned numbers of support/restraints have impacted our ability to meet the published Catawba Fuel Load date of August 1983.

We are currently reassessing the Catawba Unit 1 and Unit 2 schedules at the detail level to develop a revised schedule for the project. The Design Engineering, Construction, and Steam Production Departments are reassessing the schedule logic as well as assumptions regarding productivity, scope growth, etc.

Project milestone dates will be transmitted to the NRC as soon as this process is complete. Until this reassessment is complete, the NRC Caseload Forecast Panel projections may be used to plan licensing activities.

Very truly yours,



William O. Parker, Jr.

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cc: J. P. O'Reilly
W. H. Lovelace
P. K. Van Doorn
M. R. Guild
Palmetto Alliance