

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

June 30, 1982

TELEPHONE AREA 704
373-4083

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 fourth quarterly update. Erection status of various commodities for the March, April, and May accounting periods are included.

Catawba Unit 1 is estimated to be 89 percent complete as of April 25, 1982. This completion figure is based on the installation of key commodities such as piping, support/restraints, cables, concrete, and instrumentation. The estimate of remaining work now includes an end of job projection based on projected scope growth of these commodities.

The high velocity flush and chemical cleaning of the condenser and associated systems has been completed. Hydrostatic testing of the Chemical and Volume Control System (NV), the Ice Condenser Refrigeration System (NF), and the Nuclear Service Water System (RN) is underway. The Upper Head Injection System (UHI) hydrostatic testing is complete. Hydrostatic testing of the Component Cooling System (KC) will begin in June.

Our total Construction work force decreased from 3720 on March 14, 1982 to 3516 on June 20, 1982. 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 March, April, and May accounting periods (12 weeks). The "Quantity Remaining to Be Erected" column now includes end of job estimates projected as part of our reassessment of the Unit 1 schedule.

<u>Commodities</u>	<u>Quantity Erected During Period</u>	<u>Quantity Remaining to Be Erected</u>
Structural Concrete (cy)	2342	540
Piping (weighted value)	1969	13,600
Cable Pulls (each)	212	3,707
Cable Terminations (each)	1726	12,617
Instruments (equivalent loops)	283	2,889
Piping Support/Restraints (each)	1303	18,423

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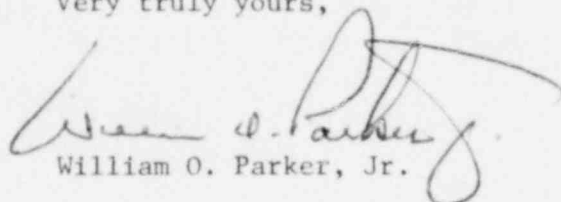
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My letter of May 10, 1982 indicated that the Catawba Unit 1 Fuel Load Date had been rescheduled to October 1984. Additional milestone dates are as follow:

<u>Unit</u>	<u>Hot Functional</u>	<u>Fuel Load</u>	<u>Commercial</u>
Catawba 1	May 1984	October 1984	June 1985
Catawba 2	May 1986	October 1986	June 1987

Progress reported through May indicates that work is progressing on schedule.

Very truly yours,



William O. Parker, Jr.

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cc: Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
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Atlanta, Georgia 30303

Mr. W. H. Lovelace
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