

DUKE POWER COMPANY

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HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
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September 30, 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 fifth quarterly update. Erection status of various commodities for the June, July, and August accounting periods are included.

Catawba Unit 1 is estimated to be 90 percent complete as of July 18, 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 includes an end of job projection based on projected scope growth of these commodities.

Hydrostatic testing of the Chemical and Volume Control System (NV), the Nuclear Service Water System (RN), the Ice Condenser Refrigeration System (NF), and the Component Cooling System (KC) is complete. These major systems are being prepared for turnover to the Nuclear Production Department for further testing.

Our total Construction workforce increased from 3516 on June 20, 1982 to 3564 on September 19, 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 June, July, and August accounting periods (14 weeks). The "Quantity Remaining to Be Erected" column includes end of job estimates projected as part of our 1982 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)	4777	763
Piping (weighted value)	2029	11,571
Cable Pulls (each)	709	2,998
Cable Terminations (each)	2171	10,446
Instruments (equivalent loops)	373	2,516
Piping Support/Restraints (each) (Inspected)	4188*	14,627

*Includes supports erected under a new construction procedure and not previously counted as inspected supports.

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The Catawba Unit 1 Fuel Load Date is scheduled for October, 1984. Progress reported through August indicates that work is progressing on schedule.

Very truly yours,

HB Tucker /-AS

Hal B. Tucker

ROS/php

cc: Mr. James P. O'Reilly, Regional Administrator
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