

November 13, 2001

APPLICANT: Duke Energy Corporation

FACILITY: Catawba Nuclear Station, Units 1 and 2

SUBJECT: SUMMARY OF SITE AUDIT TO SUPPORT REVIEW OF LICENSE RENEWAL
APPLICATION FOR CATAWBA (TAC NOS. MB2031 AND MB2032)

An environmental review team, consisting of Nuclear Regulatory Commission (NRC) staff and contractors from Pacific Northwest National Laboratory, Lawrence Livermore National Laboratory, and Argonne National Laboratory, participated in a site audit at Catawba Nuclear Station, Units 1 and 2 (Catawba) on October 22, 2001, to support the review of the Catawba license renewal application. The review team consisted of nine contractor and four NRC staff. The primary goals of the site visit were to review documentation, gather information to ensure that environmental requirements of license renewal as codified in 10 CFR Part 51 are met, and to interface with officials in State and local government and permitting and resource agencies to obtain related information. Attachment 1 is a list of NRC, contractor, and Duke Energy Corporation (Duke) representatives that participated in the site audit.

The entire team participated in an overview meeting with Duke staff on Monday, October 22, 2001, the day before the environmental scoping meetings held at the Town Hall in Rock Hill, South Carolina. Duke presented a brief overview of its corporate structure and the layout of the plant, and conducted a guided site tour, focusing on areas relevant to the environmental review. These areas included the intake and discharge structures, 230 kV switchyard, meteorological tower, cooling towers, the standby nuclear service water pond, and an ecological tour of the site that included wildlife plantings, butterfly gardens, and nesting sites for bluebirds, wood ducks, and ospreys. Attachment 2 contains information on the Catawba River system and the Catawba nuclear plant that was provided to the NRC staff on the guided site tour. During the remainder of the site audit, review team members separated into smaller groups with Duke representatives from corresponding environmental disciplines. These groups participated in various activities, including a boat tour of Lake Wylie near the plant with staff from the South Carolina Department of Natural Resources, tours of the nuclear service water and low pressure service water intakes and discharge structures, a tour of radwaste processing equipment, and demonstrations of various transmission line maintenance activities in the site vicinity. Environmental review team members discussed new and significant information identification methodology and other supporting documentation provided by Duke. No significant new information was identified.

In addition, during the site audit and after the scoping meetings, review team members met offsite with staff representing State and local government agencies and various local business and service agencies, including the South Carolina State Historic Preservation Office, the State Archaeologist, the York County Chamber of Commerce, and the York County Planning Commission. No major problem areas were identified during these consultations.

At the conclusion of the site visit, the NRC and its contractor staff from the national laboratories participated in a summary exit meeting with Duke representatives. The NRC staff expressed its appreciation to Duke for providing an informative and well-represented site visit for the environmental review team.

The NRC staff did not identify any other issues during its site visit or the visits offsite with Federal, State, and local agencies. However, because the information submitted by Duke in support of license renewal at Catawba is under active review, any additional information needed to support the environmental review will be formally requested by the staff and subsequently provided by Duke in its response to requests for additional information.

Original Signed By: JH Wilson

James H. Wilson, Senior Project Manager
Generic Issues, Environmental, Financial, and
Rulemaking Branch
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos. 50-413 and 50-414

Attachments: As stated

cc w/ atts: C. Brandt, PNNL
Service List

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James H. Wilson, Senior Project Manager
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Service List

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Accession Nos.:

Note to Application, List of Attendees, Att. 1: **ML013170360**

Att. 2, Catawba River System, Catawba Nuclear Plant, Oct. 22, 2001: **ML013190057**

Pkg no.: **ML013170405**

*See previous concurrence

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OFFICE	RGEB	RGEB	SC:RGEB	C:RGEB	
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DATE	11/06/01	11/06/01	11/06/01	11/08/01	

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ENVIRONMENTAL SITE AUDIT FOR CATAWBA
October 22, 2001

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