

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: JHWilson

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

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: JHWilson

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

DISTRIBUTION:

RGEB r/f	Environmental r/f	DMatthews	JHWilson	RFranovich
ADAMS/PUBLIC	CCarpenter	CGrimes	BZalcman	CPatel

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

Document Name: G:\RGEB\Catawba\Site Visit\Site Audit Summary.wpd

OFFICE	RGEB	RGEB	SC:RGEB	C:RGEB	
NAME	SFox*	JHWilson*	BZalcman*	CCarpenter*	
DATE	11/06/01	11/06/01	11/06/01	11/08/01	

OFFICIAL RECORD COPY

ATTENDEES
ENVIRONMENTAL SITE AUDIT FOR CATAWBA
October 22, 2001

NAME	AFFILIATION
Mary Ann Parkhurst	Pacific Northwest National Laboratory
Dan Tano	Pacific Northwest National Laboratory
Lance Vail	Pacific Northwest National Laboratory
Paul Nickens	Pacific Northwest National Laboratory
John Jaksch	Pacific Northwest National Laboratory
Bill Sandusky	Pacific Northwest National Laboratory
Bill Metz	Argonne National Laboratory
Tina Carlsen	Lawrence Livermore National Laboratory
Ted Doerr	Los Alamos National Laboratory
Jim Wilson	Nuclear Regulatory Commission
Mike Masnik	Nuclear Regulatory Commission
Stacey Fox	Nuclear Regulatory Commission
Raul Hernandez	Nuclear Regulatory Commission
Joffre Castro	SC Department of Natural Resources
Greg Mixon	SC Department of Natural Resources
L. L. "Chick" Gaddy	Terra Incognita
Chris Hallman	Duke
Robert Siler	Duke
Luke Jenkins	Duke
Marsha Kinley	Duke
Marvin Hayden	Duke
Jennifer Huff	Duke
Robert Wylie	Duke
Lan Changfu	Duke
Jacqueline Green	Duke
Arnie Gnilka	Duke
Brian Chundrlik	Duke
Caryl Ingram	Duke
Barry Kimbray	Duke
Cyndi Martinec	Duke
Charles Wray	Duke
Duane Harrell	Duke
Gene Vaughn	Duke
Robert Gill	Duke
Herman Johnson	Duke
Larry Oumsted	Duke
Greg Robison	Duke
Bill Miller	Duke
Cheryl Peed	Duke
Tim Harris	Duke

Catawba Nuclear Station, Units 1 and 2 - Service List

Mr. Gary Gilbert
Regulatory Compliance Manager
Duke Energy Corporation
4800 Concord Road
York, South Carolina 29745

Ms. Lisa F. Vaughn
Duke Energy Corporation
422 South Church Street
Charlotte, North Carolina 28201-1006

Anne Cottingham, Esquire
Winston and Strawn
1400 L Street, NW
Washington, DC 20005

North Carolina Municipal Power
Agency Number 1
1427 Meadowwood Boulevard
P. O. Box 29513
Raleigh, North Carolina 27626

County Manager of York County
York County Courthouse
York, South Carolina 29745

Piedmont Municipal Power Agency
121 Village Drive
Greer, South Carolina 29651

Ms. Karen E. Long
Assistant Attorney General
North Carolina Department of Justice
P. O. Box 629
Raleigh, North Carolina 27602

Ms. Elaine Wathen, Lead REP Planner
Division of Emergency Management
116 West Jones Street
Raleigh, North Carolina 27603-1335

Mr. Robert L. Gill, Jr.
Duke Energy Corporation
Mail Stop EC-12R
P. O. Box 1006
Charlotte, North Carolina 28201-1006

Mr. David Lyon, Director
York Public Library System
P.O. Box 10032
Rock Hill, SC 29731

North Carolina Electric Membership
Corporation
P. O. Box 27306
Raleigh, North Carolina 27611

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
4830 Concord Road
York, South Carolina 29745

Mr. Virgil R. Autry, Director
Dept of Health and Envir Control
2600 Bull Street
Columbia, South Carolina 29201-1708

Mr. L. A. Keller
Duke Energy Corporation
526 South Church Street
Charlotte, North Carolina 28201-1006

Saluda River Electric
P. O. Box 929
Laurens, South Carolina 29360

Mr. Steven P. Shaver
Westinghouse Electric Company
5929 Carnegie Blvd.
Suite 500
Charlotte, North Carolina 28209

Mr. T. Richard Puryear
Owners Group (NCEMC)
Duke Energy Corporation
4800 Concord Road
York, South Carolina 29745

Mr. Caudle Julian, Technical Assistant
Division of Reactor Safety
US Nuclear Regulatory Commission
Atlanta, GA 30303

Mr. Alan Nelson
Nuclear Energy Institute
1776 I Street, N.W., Suite 400
Washington, DC 20006-3708

Lou and Janet Zeller
Blue Ridge Environmental Defense League
P.O. Box 88
Glendale Springs, NC 28629