

December 12, 2001

Mr. M. S. Tuckman, Executive  
Vice President - Nuclear Generation  
Duke Energy Corporation  
526 South Church St. EC07H  
Charlotte, NC 28201

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) RELATED TO THE  
STAFF'S REVIEW OF THE LICENSE RENEWAL ENVIRONMENTAL REPORT  
FOR CATAWBA NUCLEAR STATION, UNITS 1 AND 2 (TAC NOS. MB2031  
AND MB2032)

Dear Mr. Tuckman:

The NRC staff has reviewed Duke Energy Corporation's (Duke's) environmental report (ER), submitted as part of the application for license renewal for Catawba Nuclear Station, Units 1 and 2. The staff concludes that additional information is needed before it can complete its review. You are requested to provide a response to the enclosed request for additional information (RAI) within 60 days of the date of this letter, as discussed with your staff.

If you have any questions about this RAI, please contact me at (301) 415-1108.

Sincerely,

**Original Signed By: JHWilson**

James H. Wilson, Senior Project Manager  
Risk Informed Initiatives, Environmental,  
Decommissioning, and Rulemaking Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos. 50-413 and 50-414

Enclosure: As stated

cc: See next page

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Accession: **ML013470594**

\*See previous concurrence

DOCUMENT NAME: G:\RGEB\Catawba\RAIs\ER RAI transmittal to Duke.wpd

OFFICE	RGEB	RGEB	SC:RGEB	C:RSLB	C:RGEB
NAME	SFox*	JHWilson*	BZalcman*DWheeler for	CGrimes	CCarpenter
DATE	12/12/01	12/12/01	12/12/01	12/12/01	12/12/01

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OFFICE OF NUCLEAR REACTOR REGULATION  
REQUEST FOR ADDITIONAL INFORMATION  
RELATED TO THE STAFF'S REVIEW OF  
THE ENVIRONMENTAL REPORT (ER)  
RELATED TO LICENSE RENEWAL FOR CATAWBA NUCLEAR STATION,  
UNITS 1 AND 2 (TAC NOS. MB2031 AND MB2032)

1. Provide a detailed written description of the aquatic ecology surveys conducted after the completion of the studies conducted for the 316(a) demonstration. The description should be written chronologically, with changes in the monitoring program described. At a minimum this should include:
  - for fish species in Lake Wylie, a description of the methods used (such as gill netting, electro-fishing, purse seine), the timing of each survey, and locations surveyed; and
  - similar information for surveys of benthic organisms, planktonic species, and other aquatic invertebrates is also requested.
2. Provide any documents summarizing the results of these surveys (referenced in #1, above) that have been published since the 316(a) report, supplement, and addendum, not including the October 2000 Duke Power Report "The Catawba" (which summarizes data through 1997).

If no published documents are available, provide tabular summaries of the results of the aquatic monitoring for fish, benthic, planktonic, and invertebrate species in Lake Wylie.
3. Provide a summary of the results of the survey conducted on the downstream stretch of the Catawba river to determine the presence of the Carolina heelsplitter (*Lasmisgona decorata*), conducted by the USFWS and the SCDNR on October 26, 2001.
4. Provide population by annular rings (10 mile increments out to 50 miles from the site) for 1990 and 2000 and projections out to 2030, if possible.