

**DUKE POWER COMPANY**

**ELECTRIC CENTER, BOX 33189, CHARLOTTE, N. C. 28242**

L. C. DAIL  
VICE PRESIDENT,  
DESIGN ENGINEERING

January 17, 1983

SLG-83-049

Mr. James P. O'Reilly, Director  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 3100  
Atlanta, GA 30303

Re: RII:JPO  
Cherokee Nuclear Station  
Docket Nos. 50-491, 50-492, and 50-493  
IE Bulletin 81-03  
Duke File: P81-1412.11-01

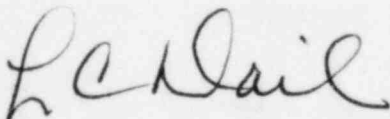
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Dear Mr. O'Reilly:

Attached is Duke Power Company's response to a December 10, 1982 letter requesting additional information on IE Bulletin 81-03 for Cherokee Nuclear Station.

I declare under penalty of perjury, that the statements setforth herein are true and correct to the best of my knowledge.

Very truly yours,



L. C. Dail, Vice-President  
Design Engineering Department

JHS/pam

Attachment

cc: Director, Division of Engineering and Quality Assurance  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

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DUKE POWER COMPANY  
CHEROKEE NUCLEAR STATION  
RESPONSE TO REQUESTED ADDITIONAL  
INFORMATION ON IE BULLETIN 81-03

Number items listed below are in direct reference to IE Bulletin 81-03 and the requested additional information.

1. (1) Corbicula sp. are present in the Broad River which is a source of water for Cherokee Nuclear Station.
  - (4a) At present few systems have been completed and filled with water and therefore, only a discussion of intrusion potential is provided. All cooling water systems are closed loop systems: Nuclear Service Water (RN), HVAC, Low Pressure Service Water (RL) and Condenser Circulating Water (RC) systems will all be treated with sufficient biocides and/or chlorine to control clam growth. Exterior and interior fire protection systems will be protected by a combination of biocide and a system of strainers. All other non-safety related raw water intake structures will be visually inspected and clams removed by appropriate means such as physical removal, flushing, local treatment with biocide or screening/ filtering procedures.
- 3.a. It is anticipated that as the various systems and ponds are filled with water, a monitoring program for clams will be established which will be similar to those in place at operating plants.