

RELATED CORRESPONDENCE

November 2, 2004

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSIONDOCKETED
USNRC

November 9, 2004 (11:07AM)

BEFORE THE ATOMIC SAFETY AND LICENSING BOARDOFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

In the Matter of:

DUKE ENERGY CORPORATION

(Catawba Nuclear Station,
Units 1 and 2)Docket Nos. 50-413-OLA
50-414-OLADUKE ENERGY CORPORATION'S FIRST SUPPLEMENTAL RESPONSE
TO BLUE RIDGE ENVIRONMENTAL DEFENSE LEAGUE'S FIRST SET
OF INTERROGATORIES ON BREDL SECURITY CONTENTION 5

Duke Energy Corporation ("Duke") supplements its July 2, 2004 response to General Interrogatory Nos. 2 and 3 of the June 19, 2004 "Blue Ridge Environmental Defense League's First Set of Discovery Requests to Duke Energy Corporation Regarding Security Plan Submittal" as follows:

Supplemental Response to General Interrogatory No. 2

Ms. Rita A. Edwards will testify as an additional expert witness on behalf of Duke regarding Security Contention 5. A copy of Ms. Edwards' Statement of Qualifications is attached.

Supplemental Response to General Interrogatory No. 3

The designated witnesses are also expected to testify collectively to the following facts and opinions which demonstrate that Security Contention 5 is without merit:

- The mission and structure of the Catawba security organization, and its relationship with other site and offsite organizations.

- Security features at the Catawba site.
- Security operations, training, and procedures.
- How the armed response force is selected, trained, equipped and how it responds to security events.
- How all elements of the security function are integrated into an overall strategy, which when implemented, has as its objective to provide high assurance that activities involving special nuclear material are not inimical to the common defense and security and do not constitute an unreasonable risk.
- The role that access authorization and continuing behavioral observation programs play in security and how insider threats are eliminated or minimized and dealt with in the security response.
- How the elements of the security response and the integrated response are developed and tested.
- The additional security measures taken as a result of the presence of the MOX lead assemblies at Catawba for each evolution, *e.g.*, receipt, inspection and storage, and how such measures when integrated with the measures already in place, assure that the MOX fuel can be successfully protected against theft or diversion within the scope of the appropriate DBT for theft and diversion.
- Precedents for security measures for strategic special nuclear material at reactor sites.
- The validity and likely outcome of the proposed BREDL scenario(s) for theft and diversion of strategic special nuclear material from Catawba.
- Why each requested exemption is justified.

- To the extent it remains an issue in the proceeding, the limited increment of the design basis threat ("DBT") for theft and diversion as compared to the radiological sabotage DBT.
- To the extent it remains an issue in the proceeding, the relative attractiveness of the MOX lead assemblies to theft or diversion.

Moreover, in addition to the grounds previously provided, the opinions of the witnesses will be based on their review of responses to discovery.

The information provided in this supplemental response was supplied by Mr. Michael T. Cash, as previously identified in response to BREDL General Interrogatory No..1.

Respectfully submitted,



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ATTORNEYS FOR DUKE ENERGY
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Dated in Washington, District of Columbia
This 2nd day of November 2004

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

Docket Nos. 50-413-OLA
50-414-OLA

Michael T. Cash
Michael T. Cash

STATEMENT OF QUALIFICATIONS

RITA A. EDWARDS

Duke Energy Corporation
Catawba Nuclear Station
4800 Concord Road
York, South Carolina 29745

Experience

Nuclear Shift Captain, Charlie Team - Catawba Nuclear Station
1997 – Present

Training Department – Catawba Nuclear Station
Firearms Instructor
1995-1997

Security – Shift Supervisor (developmental) – Catawba Nuclear Station
1994 - 1995

Security Specialist – Catawba Nuclear Station
Responsibilities included CAS/SAS Operator/Badging/Access Control
1987 – 1994

Security Officer – Catawba Nuclear Station
1983 – 1987

Law Enforcement Officer
City of Gastonia, North Carolina
1981-1983

Law Enforcement Officer
Sheriff's Department
Gaston County, North Carolina
1976 – 1981

Police Dispatcher
Gaston County, North Carolina
1974 – 1976

Education

West Lincoln High School
Lincolnton, North Carolina

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

Docket Nos. 50-413-OLA
50-414-OLA

**Adjudicatory File
Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Washington, DC 20555**

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A handwritten signature in black ink, appearing to read "Mark J. Wetterhahn", written over a horizontal line.

Mark J. Wetterhahn
Counsel for Duke Energy Corporation