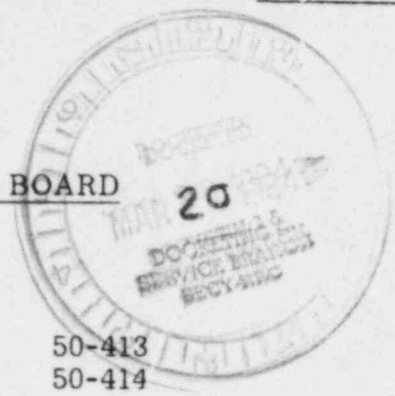


A-75  
12/1/83

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD



In the Matter of )  
DUKE POWER COMPANY, et al. )  
(Catawba Nuclear Station, )  
Units 1 and 2) )

Docket Nos. 50-413  
50-414

TESTIMONY OF CHARLES EDWARD FERRELL, JR.

- 1 Q. STATE YOUR NAME AND YOUR WORK ADDRESS.  
2 A. Charles Edward Ferrell, Jr., Catawba Nuclear Project, P.O. Box  
3 223, Clover, SC 29710.  
4 Q. WHAT IS YOUR PRESENT JOB WITH DUKE POWER COMPANY?  
5 A. Senior Welding Inspector - Visual & NDE (M.T. & P.T.), Auxiliary  
6 Building Areas (Elevations 577, 560, 543, and 522) and Diesel  
7 Generator #1 & #2 Feedwater areas.  
8 Q. SUMMARIZE YOUR EXPERIENCE AND QUALIFICATIONS, INCLUDING  
9 OTHER NON-DUKE JOBS, EDUCATION, CERTIFICATIONS, AND  
10 COMPANY SPONSORED COURSES AND TRAINING.  
11 A. I am a high school graduate and attended Business College 1 year  
12 after graduation. I graduated from York Tech (Welding Course &  
13 related subjects).  
14 I started welding with Daniel Construction in 1968, and worked  
15 for several smaller companies in between the times I was working  
16 for Daniel Construction. I always worked in the Pipe Department  
17 there.

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1 I started work with Duke on June 28, 1976. I took Duke  
2 Power's Visual Inspection Course & M.T. & P.T. Course. I was  
3 certified as a Duke Welder (L-200 & L-300 Process) before becoming  
4 a Welding Inspector in 1977.

5 Q. WHAT OTHER JOB POSITIONS HAVE YOU HELD WITH DUKE POWER  
6 COMPANY?

7 A. I was employed on 6-28-76 as a welder. I was promoted to the  
8 Welding Inspection Department on 5-2-77, and promoted to Senior  
9 Inspector 7-6-81.

10 Q. ARE YOU FAMILIAR WITH WHAT IS COMMONLY REFERRED TO AS  
11 THE WELDING INSPECTOR CONCERNS WHICH WERE EXPRESSED IN  
12 LATE 1981/EARLY 1982?

13 A. Yes.

14 Q. WHAT IS YOUR UNDERSTANDING OF WHAT THESE CONCERNS  
15 WERE?

16 A. My observation was that there was basically 2 items of concern.  
17 The first was that our supervisors would overrule us on issues  
18 based on their interpretations and investigations without telling us  
19 the reasons for their actions. Second, it seemed that we weren't  
20 getting enough backing from our supervisors.

21 Q. DID YOU EXPRESS ANY CONCERNS AS A WELDING INSPECTOR TO  
22 ANY OF THE TASK FORCES OR TO DUKE POWER MANAGEMENT?

23 A. Yes.

24 Q. TO WHOM DID YOU EXPRESS YOUR CONCERNS?

25 A. I expressed concerns to Lew Zwissler.

26 Q. WERE YOUR CONCERNS WRITTEN?

27 A. I did not submit any written concerns. I only talked to Lew  
28 Zwissler in general about certain concerns that I did have.

1 Q. DID YOU FEEL FREE TO EXPRESS ALL OF YOUR CONCERNS?  
2 A. Yes.  
3 Q. DID YOU EXPRESS ALL OF YOUR CONCERNS TO MR ZWISSLER?  
4 A. Yes.  
5 Q. HAVE YOU DISCUSSED YOUR CONCERNS WITH ANYONE ELSE?  
6 A. No.  
7 Q. HAS ANYONE ELSE CONTACTED YOU AND ASKED YOU TO  
8 DISCUSS YOUR CONCERNS?  
9 A. No.  
10 Q. DID YOU ATTEND ANY MEETINGS WITH TASK FORCE AND/OR QA  
11 MANAGEMENT MEMBERS WHERE THE TASK FORCE FINDINGS,  
12 CONCLUSIONS AND RECOMMENDATIONS WERE DISCUSSED?  
13 A. I attended QA Management meetings in which every one of the  
14 inspectors attended, but had no private meeting with anyone.  
15 Q. WERE THERE ANY CHANGES MADE IN THE QA PROGRAM AFTER  
16 THE WELDING INSPECTOR CONCERNS AND THE TASK FORCE  
17 INVESTIGATION OF THESE CONCERNS?  
18 A. Yes.  
19 Q. DESCRIBE THE CHANGES OF WHICH YOU ARE AWARE IN THE QA  
20 PROGRAM.  
21 A. I think that we now have better communications with our immediate  
22 supervisors and with higher management, and also better  
23 understanding with technical support groups. Also we are given  
24 more backing by our supervisors.  
25 Q. THE WELDING INSPECTOR CONCERNS HAVE BEEN  
26 CHARACTERIZED AS CONCERNS ABOUT THE QUALITY AND  
27 SAFETY OF CONSTRUCTION AT CATAWBA. DO YOU AGREE OR  
28 DISAGREE WITH THAT CHARACTERIZATION?

1 A. I disagree. I can only speak for myself, but as a welding  
2 inspector I have never been forced to sign anything off that I felt  
3 was wrong. Sometimes I may have disagreed with the decision, but  
4 was shown why the decisions were made and the reasons for them.

5 Q. DO YOU BELIEVE THAT THE CATAWBA PROJECT IS BEING  
6 CONSTRUCTED SAFELY?

7 A. Yes.

8 Q. IN YOUR VIEW, HAS THE QA PROGRAM BEEN EFFECTIVE WHILE  
9 YOU HAVE WORKED AS AN INSPECTOR AT CATAWBA?

10 A. Yes.

11 Q. ARE YOU AWARE OF ANY DEFICIENCIES IN CONSTRUCTION OR IN  
12 THE QA PROGRAM WHICH WOULD CAUSE YOU TO QUESTION  
13 WHETHER CATAWBA IS SAFELY BUILT?

14 A. No.

15 Q. DO YOU CURRENTLY HAVE ANY CONCERNS ABOUT THE  
16 FUNCTIONING OF THE QA PROGRAM THAT HAVE NOT BEEN  
17 RESOLVED?

18 A. No. I feel that we have a better QA Department due to this  
19 investigation of concerns that some inspectors have expressed.

20 Q. IS THERE ANYTHING ELSE YOU WOULD LIKE TO ADD TO YOUR  
21 TESTIMONY?

22 A. Yes. I feel that we have better communications with the QA  
23 Department and also the various Construction Departments. I feel  
24 that more time and effort is spent on making decisions and  
25 explaining why they are made. I also feel that the Construction  
26 Department is taking a closer look at their supervision and  
27 craftsman to ensure that they are doing quality work instead of  
28 leaving this job up to us as QA Inspectors.

1 I hereby certify that I have read and understand this document, and  
2 believe it to be my true, accurate and complete testimony.

3  
4  
5  
6 Charles Edward Ferrell, Jr.  
Charles Edward Ferrell, Jr.

7  
8  
9 Sworn to and subscribed before me  
10 this 20th day of September, 1983.

11  
12  
13 Linda W. Le Grande  
14 Notary Public

15  
16 Commission Expires March 1, 1993



RUC-DAE R 50 ALCTY (JUN 1983) M

Doclet No. 50-413 75  
in the matter of Catawba  
IDENTIFIED ☒  
RECEIVED ☒  
REJECTED  
Staff  
Applicant ☒  
Interviews  
Cont'y Glt's  
Contractor  
Other  
DATE 12/1/83  
WITNESS  
Reporter Mary Dunne