

9/13/83

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
DUKE POWER COMPANY, <u>et al.</u>)	Docket Nos. 50-413
)	50-414
(Catawba Nuclear Station,)	
Units 1 and 2))	

TESTIMONY OF CHARLES D. CRISP

1 Q. STATE YOUR NAME AND YOUR WORK ADDRESS.

2 A. Charles D. Crisp, Catawba Nuclear Project, P.O. Box 223, Clover,
3 SC 29710.

4 Q. WHAT IS YOUR PRESENT JOB WITH DUKE POWER COMPANY?

5 A. Weld Inspection (Visual) Unit #1 Reactor

6 Q. SUMMARIZE YOUR EXPERIENCE AND QUALIFICATIONS, INCLUDING
7 OTHER DUKE AND NON-DUKE JOBS, EDUCATION,
8 CERTIFICATIONS, AND COMPANY SPONSORED COURSES AND
9 TRAINING.

10 A. After high school and 1½ years of college, I worked approximately
11 10 years with Daniel Construction Company. I was schooled in
12 welding by Daniel Construction Company and worked as a certified
13 welder with them on different projects for approximately 9 years.

14 After coming to Duke Power Company, I welded for 7 months
15 in 1977. I have been certified in acid etching. I have been
16 schooled in MT and PT and have reached Level I stage and finished
17 Level II schooling, but am not yet Level II certified. I have also
18 been schooled by Duke on ASME welding symbols. I have been a
19 certified Level II Visual Inspector for approximately 5½ years with
20 Duke.

1 Q. ARE YOU FAMILIAR WITH WHAT IS COMMONLY REFERRED TO AS
2 THE WELDING INSPECTOR CONCERNS WHICH WERE EXPRESSED IN
3 LATE 1981/EARLY 1982?
4 A. Yes.
5 Q. WHAT IS YOUR UNDERSTANDING OF WHAT THESE CONCERNS
6 WERE?
7 A. My understanding is that these concerns dealt primarily with a lack
8 of support of the QA Inspectors from upper management. In many
9 instances, upper management seemed to be influenced by the
10 Construction Department in resolving QA - craft disputes and in
11 many cases did not back the inspector.
12 Q. DID YOU EXPRESS ANY CONCERNS AS A WELDING INSPECTOR TO
13 ANY OF THE TASK FORCES OR TO DUKE POWER MANAGEMENT?
14 A. Yes.
15 Q. TO WHOM DID YOU EXPRESS YOUR CONCERNS?
16 A. I expressed my concerns to Bob Morgan, and Task Force I.
17 Q. WERE YOUR CONCERNS WRITTEN?
18 A. Yes.
19 Q. DESCRIBE EACH DOCUMENT WHICH CONTAINS YOUR EXPRESSION
20 OF CONCERNS, AND INDICATE WHO IT WAS SUBMITTED TO.
21 A. I had six written concerns, which were submitted to Larry Davison.
22 Q. DID YOU FEEL FREE TO EXPRESS ALL OF YOUR CONCERNS?
23 A. Yes.
24 Q. DID YOU EXPRESS ALL OF YOUR CONCERNS?
25 A. Yes.

1 Q. DO THE DOCUMENTS ATTACHED TO YOUR TESTIMONY AS
2 ATTACHMENT A REFLECT YOUR WRITTEN CONCERNS?

3 A. Yes.

4 Q. ARE ALL OF YOUR CONCERNS INCLUDED IN THESE DOCUMENTS?

5 A. Yes.

6 Q. PLEASE SUMMARIZE AND EXPLAIN WHAT YOU WERE TRYING TO
7 COMMUNICATE BY YOUR CONCERNS.

8 A. (1) I was concerned that we inspectors would have freedom to
9 perform our jobs without influence from the Construction
10 Department, and that management would support us 100% in
11 performing our jobs according to procedures.

12 (2) I was concerned that the inspectors would be treated fairly in
13 all ways by Duke Power; that there be no attempt to get back
14 at inspectors involved in the recourse proceedings; and that
15 inspectors be considered for promotions to other positions. I
16 was also concerned that inspectors' positions be evaluated
17 fairly as to the job that inspectors are required to do with
18 Duke.

19 Q. WERE YOUR CONCERNS INVESTIGATED BY THE TASK FORCES?

20 A. Yes.

21 Q. DID YOU ATTEND ANY MEETINGS WITH TASK FORCE AND/OR QA
22 MANAGEMENT MEMBERS WHERE THE TASK FORCE FINDINGS,
23 CONCLUSIONS AND RECOMMENDATIONS WERE DISCUSSED?

1 A. The welding inspectors' concerns were discussed with the Task
2 Force and inspectors in these meetings. Then they were further
3 investigated by the Task Force to determine whether they were
4 technical or non-technical. The concerns that were considered
5 technical were then to be resolved.

6 Q. WERE THERE ANY CHANGES MADE IN THE QA PROGRAM AFTER
7 THE WELDING INSPECTOR CONCERNS AND THE TASK FORCE
8 INVESTIGATION OF THESE CONCERNS?

9 A. Yes.

10 Q. DESCRIBE THE CHANGES OF WHICH YOU ARE AWARE IN THE QA
11 PROGRAM.

12 A. (1) There were some upper management changes, Supervision
13 re-arrangement.

14 (2) Better management response to problem situations.

15 (3) Employee Relations Department set up for QA.

16 Q. TO WHAT EXTENT HAVE THESE CHANGES ADDRESSED ISSUES
17 RAISED BY THE WELDING INSPECTOR CONCERNS AND TO WHAT
18 EXTENT HAVE THESE CHANGES ADDRESSED YOUR PARTICULAR
19 CONCERNS?

20 A. We have had better response to problems from management. We
21 have been backed better by management since these changes were
22 made and more attention has been shown toward problems, as far as
23 correcting them within the guidelines of the QA procedures. We
24 have felt less pressure from Construction over problems. In other
25 words, in solving problems there is now less of a lean toward
26 satisfying construction's wishes.

1 Q. DO YOU FEEL THAT ALL OF YOUR PARTICULAR CONCERNS HAVE
2 BEEN RESOLVED?

3 A. Not entirely.

4 Q. IF NOT, DO ANY OF THESE UNRESOLVED CONCERNS RELATE TO
5 THE QUALITY AND SAFE CONSTRUCTION OF THE PLANT?

6 A. No. My other concerns involved the lack of opportunity for
7 inspectors to promote or transfer into other jobs. Also I still
8 disagree with the decision on the pay reclassification.

9 Q. THE WELDING INSPECTOR CONCERNS HAVE BEEN
10 CHARACTERIZED AS CONCERNS ABOUT THE QUALITY AND
11 SAFETY OF CONSTRUCTION AT CATAWBA. DO YOU AGREE OR
12 DISAGREE WITH THAT CHARACTERIZATION?

13 A. I disagree. I feel that Catawba Nuclear Plant is built well and is
14 within all safety codes and procedures. In fact, I feel that the
15 overall construction at Catawba, from what I know about it, is built
16 with more quality and safety than the codes require.

17 Q. DID THE EXPRESSION OF YOUR CONCERNS INDICATE YOUR
18 BELIEF THAT THERE WAS A BREAKDOWN IN THE QA PROGRAM
19 OR INDICATE THAT THE QA PROGRAM WAS NO LONGER
20 WORKING?

21 A. No. I feel we have at present and have always had an excellent
22 QA program here at Catawba. There were some areas which needed
23 some improvement, like the communications between inspectors and
24 management, yet there was never a situation in which the program
25 was not working, to my knowledge.

26 Q. DID YOUR CONCERNS REFLECT A BELIEF ON YOUR PART THAT
27 THE CATAWBA PROJECT IS NOT BEING CONSTRUCTED SAFELY?

1 A. No. I do take my job as being a very serious job which I want to
2 perform to the best of my ability, and I want to see that all nuclear
3 safety related projects are constructed according to design. I do
4 feel that this project is being, and has been in the past,
5 constructed extremely well.

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

8 A. Yes, I feel that the QA program as a whole has been very
9 effective. The concerns that were raised were dealt with in a very
10 professional manner and resolved. Here, I mean all concerns that
11 were found to be of a technical nature. The non-technical concerns
12 were dealt within a professional manner, and there have been some
13 improvements because of these concerns, but I still disagree with
14 the pay reclassification and have some questions about whether some
15 of the non-technical concerns have been resolved.

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

19 A. None.

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

22 A. Nothing as far as Construction Safety; however, inspector morale
23 has seemed to be lower since our job classification was lowered.
24 The same incentive, just doesn't seem to be there as there one time
25 was.

1 Q. HAVE YOU APPROVED ANY WORK THAT DID NOT MEET THE QA
2 STANDARDS AND CRITERIA BECAUSE OF THE PAY
3 RECLASSIFICATION OR LOWER MORALE?

4 A. No.

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

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Charles W. Crisp
Charles D. Crisp

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16 Sworn to and subscribed before me
17 this 15th day of September, 1983.

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Spencer L. Williams
Notary Public

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Commission Expires March 7, 1993

Concerns

1. Are we going to have action taken to improve the do and don't situations, that often seem to lean toward the wishes of the construction dept?
2. Are the chances of advancement in the company to better positions, both in QA and in openings in other departments going to improve?
3. Are QC inspectors going to be backed 100% by ^{upper} management in harassment cases?
4. Are wages going to be handled 100% fairly according to job and all responsibilities and duties involved?
5. Does Duke Power Company support the idea that welding inspectors with the qualifications that most of our inspectors here have are over qualified for their job, and that Duke doesn't need inspectors with such qualifications. If so why are they not promoting inspectors to higher positions worthy of their qualifications.
6. Will there continue to be liberalness toward many NCIs that are definite violations of procedures?

CCCrup