

A-58
11/29/83

Applicants' Exhibit

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 A. S. GANTT

- 1 Q. STATE YOUR NAME AND YOUR WORK ADDRESS.
2 A. A. S. Gantt, Catawba Nuclear Project, P.O. Box 223, Clover, SC
3 29710.
4 Q. WHAT IS YOUR PRESENT JOB WITH DUKE POWER COMPANY?
5 A. Welding Inspector in No. 1 Reactor.
6 Q. SUMMARIZE YOUR EXPERIENCE AND QUALIFICATIONS, INCLUDING
7 OTHER NON-DUKE JOBS, EDUCATION, CERTIFICATIONS, AND
8 COMPANY SPONSORED COURSES AND TRAINING.
9 A. I graduated from high school, and was a welder for Daniel
10 Construction 7 years. I have been a Certified Welding Inspector
11 and MT - PT Inspector at Duke for 4 years.
12 Q. WHAT OTHER JOB POSITIONS HAVE YOU HELD WITH DUKE POWER
13 COMPANY?
14 A. I started working for Duke Power as a welder at Cherokee in 1978.
15 I transferred to Catawba in 1981.
16 Q. ARE YOU FAMILIAR WITH WHAT IS COMMONLY REFERRED TO AS
17 THE WELDING INSPECTOR CONCERNS WHICH WERE EXPRESSED IN
18 LATE 1981/EARLY 1982?
19 A. Yes.
20 Q. WHAT IS YOUR UNDERSTANDING OF WHAT THESE CONCERNS
21 WERE?

8405240549 831129
PDR ADOCK 05000413
G PDR

1 A. These concerns basically addressed management's handling of
2 inspection technical problems such as procedural requirements and
3 problem solving.

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

6 A. Yes.

7 Q. TO WHOM DID YOU EXPRESS YOUR CONCERNS?

8 A. Gail Addis.

9 Q. WERE YOUR CONCERNS WRITTEN?

10 A. Yes.

11 Q. DESCRIBE EACH DOCUMENT WHICH CONTAINS YOUR EXPRESSION
12 OF CONCERNS, AND INDICATE WHO IT WAS SUBMITTED TO.

13 A. I submitted a handwritten letter to my immediate supervisor.

14 Q. DID YOU FEEL FREE TO EXPRESS ALL OF YOUR CONCERNS?

15 A. Yes.

16 Q. DID YOU EXPRESS ALL OF YOUR CONCERNS?

17 A. One concern I did not express and which I feel is of great
18 importance is the morale of the Welding Inspectors. This was not
19 expressed at that time because I did not have this concern at the
20 time we submitted concerns to the Task Force. In my opinion, this
21 problem has grown greatly.

22 Q. HAS LOWER MORALE CAUSED YOU, OR ANY OTHER INSPECTOR
23 TO YOUR KNOWLEDGE, TO APPROVE WORK THAT WAS FAULTY
24 OR DID NOT MEET THE QA STANDARDS AND CRITERIA?

25 A. No.

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

1 A. Yes.

2 Q. ARE ALL OF YOUR CONCERNS INCLUDED IN THIS DOCUMENT?

3 A. Yes, all of the concerns I had at that time.

4 Q. PLEASE SUMMARIZE AND EXPLAIN WHAT YOU WERE TRYING TO
5 COMMUNICATE BY YOUR CONCERNS.

6 A. My concern was that a defective situation may have existed but was
7 not evaluated due to procedure limitations.

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

9 A. My specific concern was not discussed with me; however, it was
10 indicated all concerns were investigated. This problem may have
11 been investigated by reviewing the radiographic film of this weld to
12 assure no defects, but I was not informed of this.

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

16 A. A meeting was held with all inspectors and the Task Force where
17 general findings were discussed.

18 Q. WERE THERE ANY CHANGES MADE IN THE QA PROGRAM AFTER
19 THE WELDING INSPECTOR CONCERNS AND THE TASK FORCE
20 INVESTIGATION OF THESE CONCERNS?

21 A. Yes.

22 Q. DESCRIBE THE CHANGES OF WHICH YOU ARE AWARE IN THE QA
23 PROGRAM.

24 A. Changes were made that shifted some management job positions but
25 later some changed back. I don't feel there were any changes that
26 overwhelmingly changed decisions involving resolution of NCI's.
27 Decisions are still being made that inspectors do not agree with.
28 Duke combines code requirements and Duke requirements in their

1 procedures. Inspectors aren't aware of where code requirements
2 stop and Duke requirements start. When management resolves
3 problems by applying only code requirements, Inspectors are
4 certain not to agree because the inspectors were not aware of the
5 code requirements.

6 Q. TO WHAT EXTENT HAVE THESE CHANGES ADDRESSED ISSUES
7 RAISED BY THE WELDING INSPECTOR CONCERNS AND TO WHAT
8 EXTENT HAVE THESE CHANGES ADDRESSED YOUR PARTICULAR
9 CONCERNS?

10 A. Any changes made have not addressed my written concern. If I
11 see a defective area inside an adjacent weld outside the accessibility
12 range of QAP-M-4, I am not obligated to report it by procedural
13 requirements. An example of this is my written concern that while
14 I was performing an internal cleanliness check and root pass
15 inspection of adjacent welds on a Class B piping system, I saw what
16 appeared to be oxidation or burn through on a root pass about 8
17 feet away from the opening of the 3" I.D. pipe I was inspecting. I
18 had my senior man, J. R. Bryant, and immediate supervisor, Beau
19 Ross, to look at this and both agreed that there was a possible
20 defect there. My next supervisor in line, C. R. Baldwin, was
21 contacted but he chose to ignore the situation because QAP-M-4
22 does not require a root pass inspection that far back inside this
23 size of pipe. We were told by Beau Ross, who was told by C. R.
24 Baldwin, that we should continue work and not worry about it.

25 Q. DO YOU CURRENTLY HAVE ANY CONCERNS ABOUT THE
26 FUNCTIONING OF THE QA PROGRAM THAT HAVE NOT BEEN
27 RESOLVED?

1 A. No.

2 Q. THE WELDING INSPECTOR CONCERNS HAVE BEEN
3 CHARACTERIZED AS CONCERNS ABOUT THE QUALITY AND
4 SAFETY OF CONSTRUCTION AT CATAWBA. DO YOU AGREE WITH
5 THAT CHARACTERIZATION?

6 A. Yes, to a certain degree. If an inspector has problems concerning
7 quality and safety of construction that are repeatedly not answered
8 adequately to him, some inspectors may tend to ignore certain
9 situations.

10 Q. HAVE YOU EVER IGNORED UNACCEPTABLE WORK?

11 A. No.

12 Q. DO YOU KNOW OF ANY OTHER INSPECTOR WHO HAS IGNORED
13 UNACCEPTABLE WORK?

14 A. No.

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

19 A. As I said in my concern, in this area procedure requirements are
20 not adequate to assure 100% quality. As it relates to my concern,
21 the QA Program was not working. As far as I know, the QA
22 Program was working in other areas.

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

25 A. My concern reflected that the problem I identified was not
26 adequately investigated.

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

1 A. Overall, yes.

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

5 A. No.

6 Q. IS THERE ANYTHING ELSE YOU WOULD LIKE TO ADD TO YOUR
7 TESTIMONY?

8 A. No.

9

10

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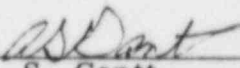
12 I hereby certify that I have read and understand this document, and
13 believe it to be my true, accurate and complete testimony.

14

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A. S. Gantt

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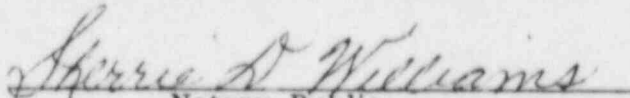
20 Sworn to and subscribed before me
21 this 13th day of September, 1983.

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23

24

25


Notary Public

26

27 Commission Expires March 7, 1993

(1)

On 8.28.81 while I was checking clean up for weld INV309-2 I saw what appeared to be excessive penetration and oxidation on internal surface of weld INV309-1. This was seen at a distance of about 8 feet through the 3" pipe. I notified my foreman & senior man who looked at the joint and agreed that it appeared to be oxidation & excess penetration.

Later in the day I was notified by my foreman that he had informed Charles Galalain of this and Charles had told him that this joint was not accessible as defined by M-4 and not to worry about it.

This is typical of the support we receive from upper management. Every adverse situation seems to be settled in favor of craft even if this means violating procedures.

A. S. Dant

AMERICAN REGULATORY COMMISSION

Petition No. 50-413 Catawba 58

In the matter of _____

State _____

Applicant ✓

Intervenor _____

Complainant ✓

Defendant ✓

Other _____

Reporter Ben Graham

Date 11/29/83