

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

'84 APR 30

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
	)	
TEXAS UTILITIES GENERATING	)	Docket Nos. 50-445 and
COMPANY, et al.	)	50-446
	)	
(Comanche Peak Steam Electric	)	(Application for
Station, Units 1 and 2)	)	Operating License)

OFFICE OF SEC.  
DOCKETING & S.  
BRANCHAFFIDAVIT OF W.E. BAKER AND C.T. BRANDT  
REGARDING BOARD QUESTION  
CONCERNING F.E. COLEMAN

We, W.E. Baker and C. T. Brandt, being first duly sworn do depose and state as follows:\*

(Baker) My name is William E. Baker. I reside in Granbury, Texas. I am the Senior Project Welding Engineer employed by Brown & Root, Inc. at Comanche Peak. My educational and professional qualifications are attached to Applicants' Rebuttal Testimony Regarding Allegations of D. Stiner and H. Stiner Concerning Weave Welding, Welding of Misdrilled Holes, Downhill Welding, and Weld Rod Control, previously filed in this proceeding.

(Brandt) My name is C. Thomas Brandt. I reside in Fort Worth, Texas. I am employed by EBASCO Services at Comanche Peak. My educational and professional qualifications are attached to Applicants' Exhibit 141 which was previously received into evidence.

\*Except as otherwise indicated, each affiant attests to all parts of this affidavit.

This affidavit will address the Licensing Board's request for information regarding documentation of misdrilled holes welded by F.E. Coleman in the Unit 1 cable spreading room. (Tr. 11784-11787). In researching this issue, we interviewed numerous welders, foremen, and QC Inspectors who worked in the Unit 1 cable spreading room with Mr. Coleman, and engineering personnel who generically evaluated welding of misdrilled holes. In addition, we have reviewed the appropriate documents associated with this issue, including construction and QC procedures, engineering documentation, weld filler material requisitions and QC inspection documents.

Mr. Coleman worked in the Unit 1 cable spreading room during the period of November, 1978 to January, 1979. During this time period, welding of cable tray supports in this area was the responsibility of the pipe hanger department. In January, 1979, this responsibility was transferred to the electrical cable tray hanger group, and Mr. Coleman was transferred to the Unit 1 turbine deck.

While Mr. Coleman was working in the Unit 1 cable spreading room, the erection drawings for the structural steel in this area were modified due to, among other things, changes in the elevation of the cable trays. Because of the changes, some holes which had already been drilled in the flanges and/or webs of columns used to support the cable trays were in the wrong location. It was determined that these holes would have to be welded or the columns scrapped. (Initially several columns were scrapped).

On October 25, 1978, craft requested instructions from the Civil Engineering Department regarding this issue. In response, the Civil Engineering Department instructed the craft to weld the misdrilled holes rather than to scrap entire columns. Civil Engineering determined that

the welding of misdrilled holes was to be treated as a correction of a fabrication error, as opposed to a base metal repair. Accordingly, welding of misdrilled holes at this time did not require issuance of repair process documentation, as would have been the case if the welding was treated as a base metal repair. However, as with a base metal repair, a final visual inspection of the weld by QC was required.

Thus, the documentation necessary to complete welding of misdrilled holes in the Unit 1 cable spreading room during this period was the welding filler material requisition form which lists, among other things, the support on which the welding would occur and the procedure to be used. Mr. Coleman stated that he had this documentation. Tr. 11545.

We have determined that documentation signed by QC Inspectors exists to confirm that misdrilled holes welded by Mr. Coleman and other welders in this area were inspected by Q.C.

William E. Baker  
William E. Baker

Sworn to me this 27th day of April, 1984.

Cynthia Hammet  
Notary Public

C. Thomas Brandt  
C. Thomas Brandt

Sworn to me this 27th day of April, 1984.

Cynthia Hammet  
Notary Public