

May 31, 1985

MEMORANDUM FOR: Robert D. Martin, Regional Administrator
Region IV

FROM: Ben B. Hayes, Director *Original signed by*
Office of Investigations *Ben B. Hayes*

SUBJECT: WOLF CREEK GENERATING STATION - STATUS OF CHARACTER
ISSUE CONCERNS PERTAINING TO SENIOR MANAGERS

On December 21, 1984, I forwarded to you a memorandum prepared by William Ward regarding the Office of Investigations (OI) evaluation of the Kansas Gas and Electric Company (KG&E) investigative program at the Wolf Creek Generating Station (WCGS). As a result of this and additional information of a character/suitability nature, OI requested guidance from the Commission as to whether these matters warranted an OI investigation (memorandum dated December 24, 1984, enclosure 1).

Commissioner Roberts questioned whether the alleged circumstances have a direct and significant relationship to NRC's regulatory responsibilities, and he posed several questions concerning the initiation of an OI investigation (memorandum dated January 8, 1985, enclosure 2). OI responded to Commissioner Roberts in a memorandum dated January 15, 1985 (enclosure 3). On February 19, 1985, Samuel J. Chilk, Secretary, NRC, informed OI that a majority of the Commission does not support the initiation of an investigation of senior managers at the WCGS regarding these matters (enclosure 4).

In view of the above, no additional investigative effort will be directed by OI toward the character and/or suitability issues which have been brought to the attention of the Commission. This includes the concerns identified in OI Report of Inquiry Q4-85-001, dated February 21, 1985.

Enclosures:
As stated

cc w/enclosures:
W.J.Dircks, EDO
H.Denton, NRR
R.K.Herr, OI:RIV

Distribution:
OI:s/f Wolf Creek Fac File
✓OI:case file: Q-4-85-001
OI:c/f
OI:r/f
ECGilbert

OI
ECGilbert/*EC*
05/30/85
DW:Memo/RMartin

OI
RAFortuna
05/30/85

B. B. Hayes
05/30/85

DAN GLICKMAN
FOURTH DISTRICT—KANSAS

COMMITTEES:
AGRICULTURE
JUDICIARY
SCIENCE AND TECHNOLOGY

CHAIRMAN, SUBCOMMITTEE ON
TRANSPORTATION, AVIATION AND MATERIALS

MYRNE ROE
ADMINISTRATIVE ASSISTANT
SCOTT FLEMING
LEGISLATIVE DIRECTOR
PATRICK GARCIA
DISTRICT ADMINISTRATOR



CONGRESS OF THE UNITED STATES
HOUSE OF REPRESENTATIVES
WASHINGTON, D.C. 20515

March 20, 1985

2435 RAYBURN BUILDING
WASHINGTON, D.C. 20515
(202) 225-8218

U.S. COURT HOUSE
BOX 403—ROOM 224
WICHITA, KANSAS 67201
(316) 262-8396

302 WOLCOTT BUILDING
201 NORTH MAIN
MUTCHINGS, KANSAS 67501
(316) 859-8011

The Honorable Nunzio Palladino
Chairman
Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Chairman:

Pursuant to my ongoing interest in the safe construction and operation of the Wolf Creek Generating Station, I was briefed yesterday by staff from your Office of Investigations. I was informed that three OI cases relative to the Wolf Creek project are still open.

Because the outcome of these investigations could affect the current assessment of the safety of Wolf Creek, I request that these cases be fully investigated and resolved before the Commissioners approve a full-power operating license. I assume that the OI staff can be targeted toward the Wolf Creek cases so they can be completed without causing any delay in the licensing process.

Although the Nuclear Regulatory Commission staff stated, in a March 11 letter to me, that they were "not aware of any information from the Office of Investigations that constituted a basis for withholding the issuance of a low power license for Wolf Creek," I believe that the OI cases outstanding should be closed prior to the Commission's issuance of a full-power license. Otherwise, residents of Kansas will not be given their deserved assurance that allegations potentially affecting the safe operation of the Wolf Creek Generating Station have been satisfactorily reviewed and resolved.

With best regards,

Dan Glickman
Dan Glickman
Member of Congress

11-85 APR -1 PM 1:58
JUL 11 1985

854327690 PDR
LP

6/8/2

JO ANN POTTORFF
 REPRESENTATIVE CITY THIRD DISTRICT
 632 E 8TH STREET
 WICHITA KANSAS 67208



DO NOT
 WRITE

COMMITTEE ASSIGNMENTS
 MEMBER EDUCATION
 LABOR AND INDUSTRY
 PUBLIC HEALTH AND WELFARE

FEB 22 P3:14

TOPEKA
 — OFFICE OF SECRETARY
 HOUSE OF REPRESENTATIVES
 BOOKETING & SERVICE
 BRANCH

February 18, 1985

SERVED FEB 23 1985

The Honorable Nunzio Palladino, Chairman
 Nuclear Regulatory Commission
 Washington, D.C. 20555

DO NOT WRITE
 PROC. & UTIL. FAC. 50-48201

Dear Mr. Chairman:

As a member of the Kansas Legislature, I am deeply concerned with the approaching conditional licensure of the Wolf Creek electrical generating station. It is my understanding that this licensure may occur in spite of the fact that open investigations exist into matters such as alleged construction defects and quality assurance deficiencies. Since such matters are directly relevant to the issue of plant safety, I ask for your assistance.

Correspondence between your office and the offices of Congressman Dan Glickman and Congressman John D. Dingell has been made available for our review. It is clear from a review of the Congressmen's questions and your response that:

- 1) A substantial number of structural steel welds have been found to be below accepted standards;
- 2) Investigations into the weld deficiencies are underway, including such issues as missing, falsified or erroneous quality assurance records; and
- 3) Unanswered safety questions remain, including problems relating to the safe separation of electrical cables.

I would like to express my concern and the concerns of many other Kansans relating to the safe and economical production of nuclear-generated electricity. The Wolf Creek project has been the object of scrutiny from this Legislature and from other agencies of state government. We have attempted to maximize the ability of our utility commission to review the project and determine the extent to which the ratepayers will assume construction related costs.

However, Congress has established that your commission is the review mechanism for all matters relating to the safe construction and operation of nuclear plants. It is in that capacity that I seek your assistance.

~~85-225-456 PDR~~
 3PP

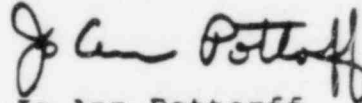
February 18, 1985

I ask that all investigations, including any pre-investigation matters pending in the Office of Investigation and of Inspection and Enforcement, be concluded in a comprehensive and thorough manner. I ask that your findings be made available to me, to the Kansas Congressional delegation, our Governor and Attorney General, and to the Kansas Corporation Commission. I ask that these things be done prior to the issuance of a conditional, low-power operating license.

When the power is turned on at Wolf Creek, it is essential that all questions have been answered and all safety standards met. Only these conditions will provide the needed assurances to Kansas to validate the operational integrity of the Wolf Creek plant.

I express my appreciation for your consideration of this matter and ask that my name be added to the list of other Kansas Legislators that was sent to you in a letter dated February 14, 1985.

Sincerely,

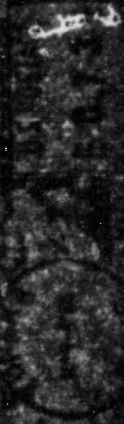


Jo Ann Pottorff
Representative
83rd District

JAP:jw

R OF KANSAS
APITOL
KANSAS 66612

STATE OF KANSAS
OFFICIAL MAIL
PENALTY FOR PRIVATE USE
\$3.00 PER 100 GRS.



TO:

Ben Hayes
Director, Office of
Investigation
Nuclear Regulatory Commission
Washington, D.C. 20555

FIRST CLASS

ROBERT S. WUNSCH
 REPRESENTATIVE THE HUNDRED AND FIRST DISTRICT
 IN NOWAN AND RENO COUNTIES
 BOX 473
 NOWAN, KANSAS 67068
 313 3113



TOPEKA

HOUSE OF
 REPRESENTATIVES

February 18, 1985

COMMITTEES

DOCKET NUMBER
 ASSESSMENT AND TAXATION

85 FEB 22 P3:14

OFFICE OF SECRETARY
 DOCKETING & SERVICE
 BRANCH

SERVED FEB 25 1985

The Honorable Nunzio Palladino
 Chairman
 Nuclear Regulatory Commission
 Washington, D.C. 20555

DOCKET NUMBER
 PROD. & UTIL. FAC.

50-482-01

Dear Mr. Chairman:

As a member of the Kansas Legislature, I am deeply concerned with the approaching conditional licensure of the Wolf Creek electrical generating station. It is my understanding that this licensure may occur in spite of the fact that open investigations exist into matters such as alleged construction defects and quality assurance deficiencies. Since such matters are directly relevant to the issue of plant safety, I ask for your assistance.

Correspondence between your office and the offices of Congressman Dan Glickman and Congressman John D. Dingell has been made available for our review. It is clear from a review of the Congressmen's questions and your response that:

- 1) A substantial number of structural steel welds have been found to be below accepted standards;
- 2) Investigations into the weld deficiencies are underway, including such issues as missing, falsified or erroneous quality assurance records; and
- 3) Unanswered safety questions remain, including problems relating to the safe separation of electrical cables.

I would like to express my concern and the concern of many other Kansans relating to the safe and economical production of nuclear-generated electricity. The Wolf Creek project has been the object of scrutiny from this Legislature and from other agencies of state government. We have attempted to maximize the ability of our utility commission to review the project and determine the extent to which the ratepayers will assume construction related costs.

8502254429 P12

2 PP

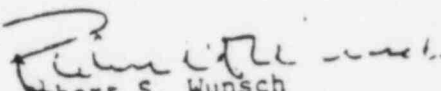
However, Congress has established that your commission is the review mechanism for all matters relating to the safe construction and operation of nuclear plants. It is in that capacity that I seek your assistance.

I ask that all investigations, including any pre-investment matters pending in the Office of Investigation and of Inspection and Enforcement, be concluded in a comprehensive and thorough manner. I ask that your findings be made available to me, to the Kansas Congressional delegation, our Governor and Attorney General, and to the Kansas Corporation Commission. I ask that these things be done prior to the issuance of a conditional, low-power operating license.

When the power is turned on at Wolf Creek, it is essential that all questions have been answered and all safety standards met. Only these conditions will provide the needed assurances to Kansas to validate the operational integrity of the Wolf Creek plant.

I express my appreciation for your consideration of this matter.

Very truly yours,


Robert S. Wunsch
Representative
101st District

RSW:lsf

STATE OF KANSAS



TOPEKA

HOUSE OF
REPRESENTATIVES

February 14, 1985

The Honorable Nunzio Palladino
Chairman
Nuclear Regulatory Commission
Washington, D.C. 20545

Dear Mr. Chairman:

We, the undersigned, members of the Kansas Senate and House of Representatives, are deeply concerned with the approaching conditional licensure of the Wolf Creek electrical generating station. It is our understanding that this licensure may occur in spite of the fact that open investigations exist into matters such as alleged construction defects and quality assurance deficiencies. Since such matters are directly relevant to the issue of plant safety, we ask for your assistance.

Correspondence between your office and the offices of Congressman Dan Glickman and Congressman John D. Dingell has been made available for our review. It is clear from our review of the Congressmen's questions and your response that:

- 1) A substantial number of structural steel welds have been found to be below accepted standards;
- 2) Investigations into the weld deficiencies are underway, including such issues as missing, falsified or erroneous quality assurance records; and
- 3) Unanswered safety questions remain, including problems relating to the safe separation of electrical cables.

We have, for several years, expressed our concerns and our citizen's concerns relating to the safe and economical production of nuclear-generated electricity. The Wolf Creek project has been the object of scrutiny from this Legislature and from other agencies of state government. We have attempted to maximize the ability of our utility commission to review the project and determine the extent to which the ratepayers will assume construction related costs.

~~85-2201141 PDR~~

8PP

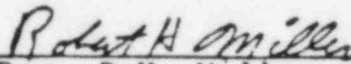
However, Congress has established that your commission is the review mechanism for all matters relating to the safe construction and operation of nuclear plants. It is in that capacity that we seek your assistance.


We ask that all investigations, including any pre-investigation matters pending in the Office of Investigation and of Inspection and Enforcement, be concluded in a comprehensive and thorough manner. We ask that your findings be made available to us, to the Kansas Congressional delegation, our Governor and Attorney General, and to the Kansas Corporation Commission. We ask that these things be done prior to the issuance of a conditional, low-power operating license.

When the power is turned on at Wolf Creek, it is essential that all questions have been answered and all safety standards met. Only these conditions will provide the needed assurances to Kansas to validate the operational integrity of the Wolf Creek plant.

We ask for your prompt response, and express our appreciation for your consideration of this matter.

Sincerely,



Rep. R.H. Miller


Sen. Michael Johnston


Rep. Ken Grotewiel

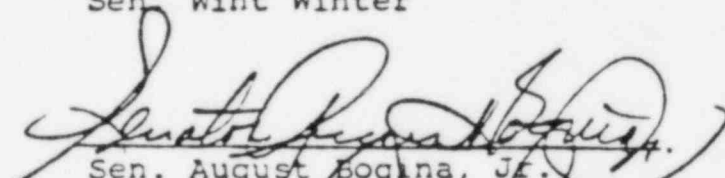

Rep. Richard Schmidt



Rep. H.G. Dillon


Rep. Kent Campbell

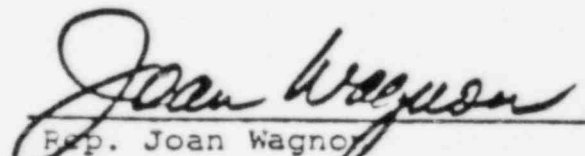

Rep. Marvin Wm. Barkis

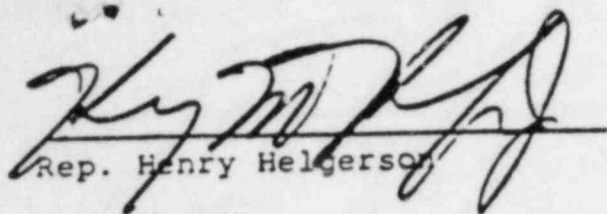

Sen. Wint Winter

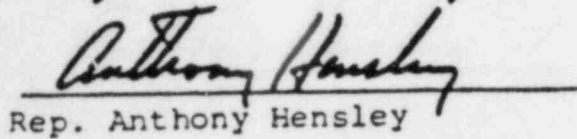

Sen. August Bogina, Jr.

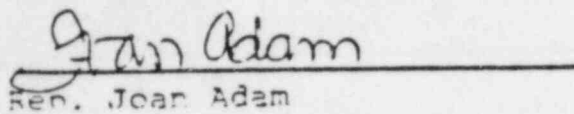

Rep. Kenneth W. Green

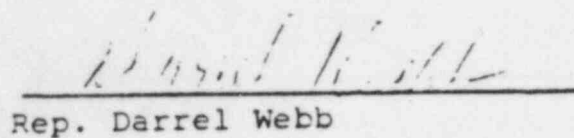

Rep. Bill Wisdom

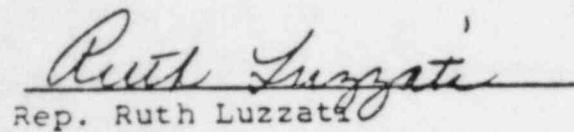

Rep. Joan Wagner

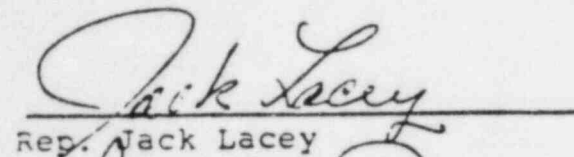

Rep. Henry Helgeson

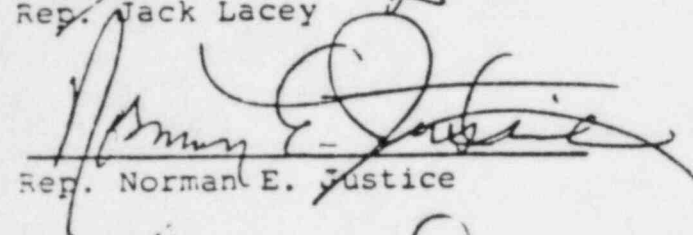

Rep. Anthony Hensley

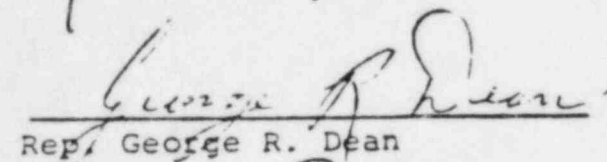

Rep. Joan Adam

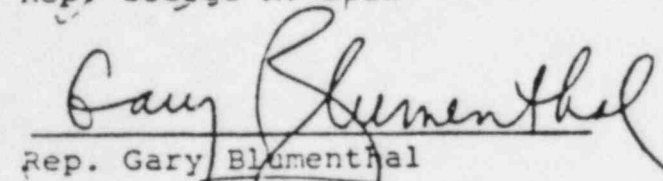

Rep. Darrel Webb


Rep. Ruth Luzzati

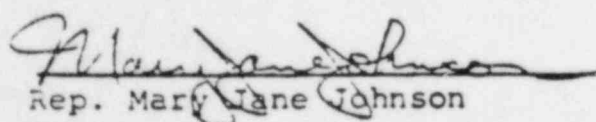

Rep. Jack Lacey

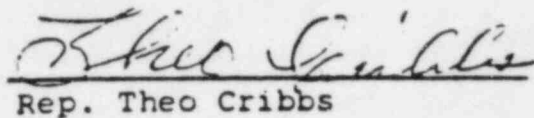

Rep. Norman E. Justice


Rep. George R. Dean

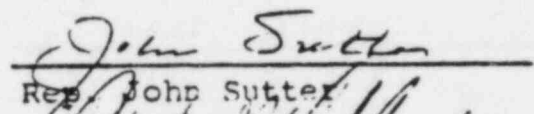

Rep. Gary Blumenthal

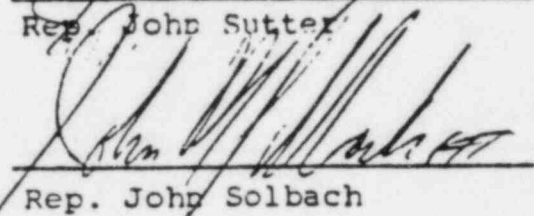

Rep. Jessie Branson

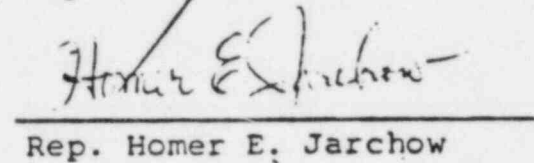

Rep. Mary Jane Johnson

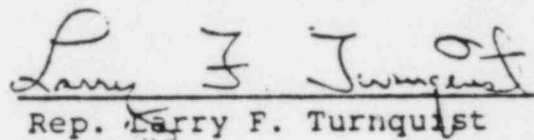

Rep. Theo Cribbs

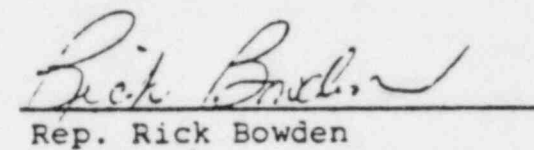

Rep. Judith C. Runnels

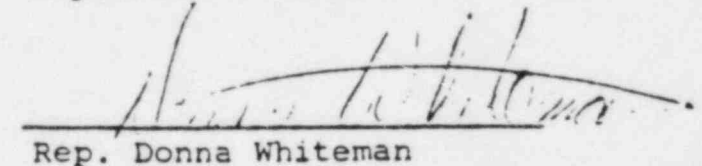

Rep. John Sutter

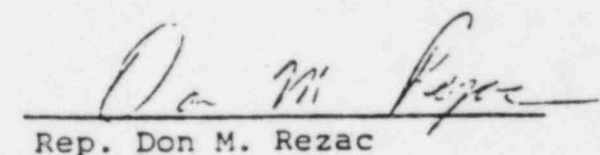

Rep. John Solbach

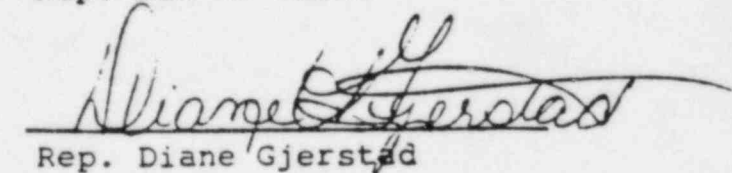

Rep. Homer E. Jarchow

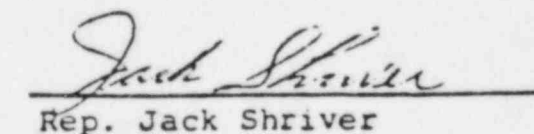

Rep. Larry F. Turnquist


Rep. Rick Bowden


Rep. Donna Whiteman


Rep. Don M. Rezac


Rep. Diane Gjerstad


Rep. Jack Shriver

Duane A. Goossen
Rep. Duane A. Goossen

Vincent K. Snowbarger
Rep. Vincent K. Snowbarger

Denise C. Apt
Rep. Denise C. Apt

Phil Kline
Rep. Phil Kline

S.B. Sifers
Rep. S.B. Sifers

Edwin Bideau, III
Rep. Edwin Bideau, III

Clyde D. Graeber
Rep. Clyde D. Graeber

Mike O'Neal
Rep. Mike O'Neal

Al Ramirez
Rep. Al Ramirez

Richard Eckert
Rep. Richard Eckert

Martha Jenkins
Rep. Martha Jenkins

Elaine Hassler
Rep. Elaine Hassler

Elizabeth Baker
Rep. Elizabeth Baker

Burt DeBaun
Rep. Burt DeBaun

Gayle Mollenkamp
Rep. Gayle Mollenkamp

Nancy Brown
Rep. Nancy Brown

Rex B. Hoy
Rep. Rex B. Hoy

Don Sallee
Rep. Don Sallee

Phil Martin
Sen. Phil Martin

JOSEPH F. NORVELL
Sen. Joseph F. Norvell

James L. Francisco
Sen. James L. Francisco

Richard G. Gannon
Sen. Richard G. Gannon

John Strick, Jr.
Sen. John Strick, Jr.

William Roy, Jr.
Rep. William Roy, Jr.

Bill Mulich
Sen. Bill Mulich

Jesse Harder
Rep. Jesse Harder

Nancy Parrish
Sen. Nancy Parrish

L.V. (Sam) Roper
Rep. L.V. (Sam) Roper

Eugene Anderson
Sen. Eugene Anderson

Paul Feleciano, Jr.
Sen. Paul Feleciano, Jr.

Patricia Weaver
Rep. Patricia Weaver

Donald F. Mainey
Rep. Donald Mainey

Bill Brady
Rep. Bill Brady

Kathryn Sughrue
Rep. Kathryn Sughrue

LeRoy F. Fry
Rep. LeRoy F. Fry

C.C. Love
Rep. C.C. Love

Michael J. Peterson
Rep. Michael J. Peterson

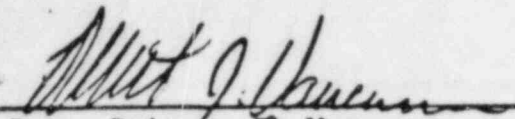
George Teagarden
Rep. George Teagarden

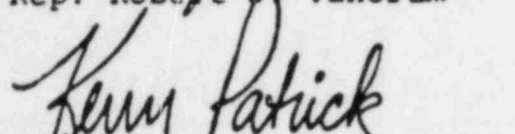
Ken Francisco
Rep. Ken Francisco

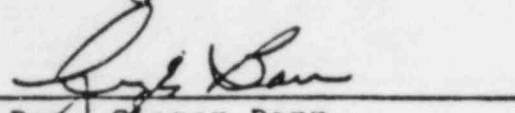
Betty Jo Charlton
Rep. Betty Jo Charlton

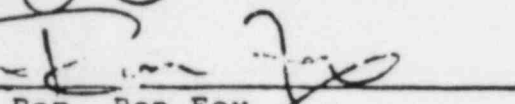
Bill Reardon
Rep. Bill Reardon

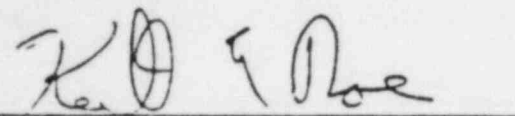
Robin Leach
Rep. Robin Leach

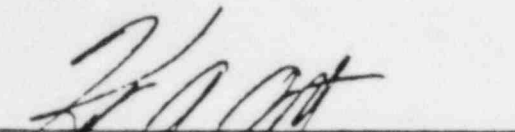

Rep. Robert J. Vancrum

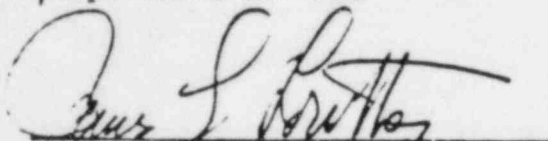

Rep. Kerry Patrick


Rep. Ginger Barr

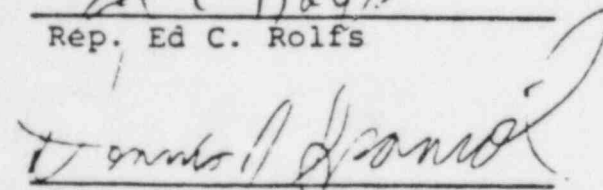

Rep. Ron Fox

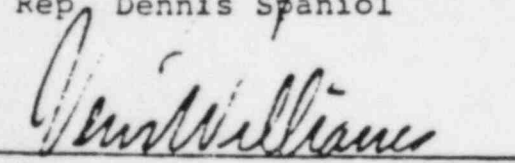

Rep. Keith Roe

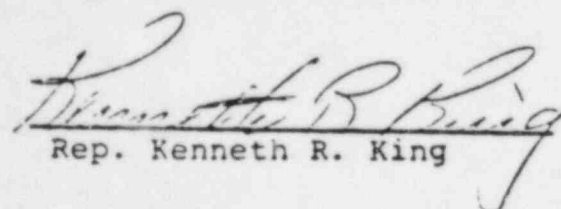

Rep. Kent A. Ott

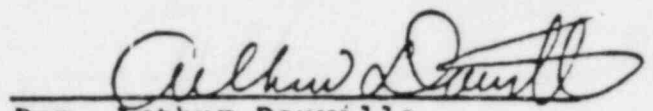

Rep. James E. Lowther

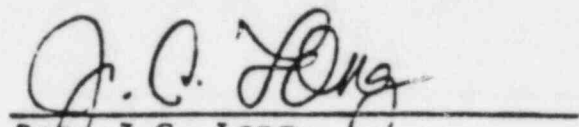

Rep. Ed C. Rolfs

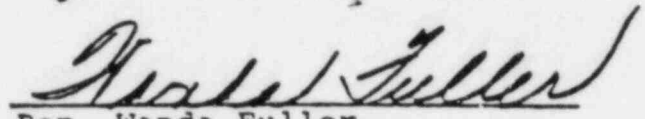

Rep. Dennis Spaniol


Rep. Vernon Williams



Rep. Kenneth R. King

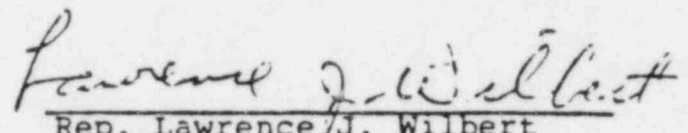

Rep. Arthur Douville

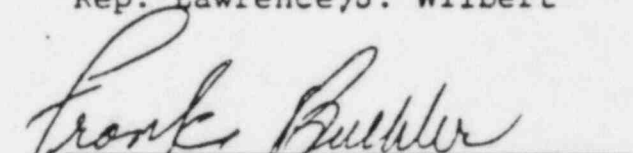

Rep. J.C. Long


Rep. Wanda Fuller

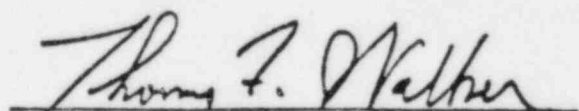

Rep. Joe Knopp

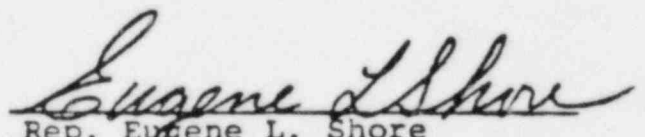

Rep. Stephen R. Cloud

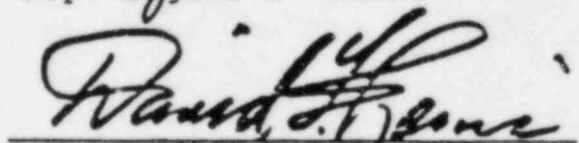

Rep. Lawrence J. Wilbert


Rep. Frank J. Buehler


Rep. Robert D. Miller


Rep. Thomas F. Walker


Rep. Eugene L. Shore


Rep. David F. Louis

David G. Miller

Rep. David G. Miller

J.S. Duncan

Rep. J.S. Duncan

David Heinemann

Rep. David Heinemann

State of Kansas



JOHN CARLIN
MICHAEL LEMMEN
A. C. "PETE" LOUX
KEITH R. MENLEY
JUDITH A. McCONNELL
BRYAN J. MOULNE

Governor
Chairman
Commissioner
Executive Secretary
General Counsel

State Corporation Commission

Fourth Floor, State Office Bldg.

Ph. 813/296-3355

TOPEKA, KANSAS 66612-1571

November 5, 1984

Mr. Darrell Eisenhut
Director of Reactor Licensing
United States Nuclear Regulatory Commission
Washington, D.C. 20555

50-482

708

Dear Mr. Eisenhut:

We have recently received from Kansas Gas & Electric Company a copy of NRC Inspection Report No. 50-482/84-22 in Docket No. 50-482 (Wolf Creek Generating Station). The report was generated following an inspection conducted between June 11, 1984 and September 28, 1984. Generally, the report concludes that two violations were identified: (1) failure to assure conformance of safety-related structural steel welds with requirements; and (2) failure to maintain adequate electrical separation. Specifically, the report cites a variety of problems which appear to be substantial:

During a review of QA/QC and Quality First personnel qualifications and subsequent interviews, the NRC inspector became aware of potential problems with corrective action reports CAR 29 and 31. The NRC inspector subsequently obtained copies of the two documents. CAR 1-W-0029 (initiated on March 22, 1983) states, in part, 'Subsequently to the issuance of CAR 1-W-0019, quality has instituted a random reinspection of accessible structural steel fillet welds in all Q buildings. It has been determined by the results of this reinspection that an unacceptable percentage of these welds are deficient in the auxiliary, control, and fuel buildings.' Attached documentation revealed that in the auxiliary building, 60 welds were inspected, with 53 being rejected. In the control and fuel buildings, 50 welds were inspected with 43 rejected, and 53 inspected with 35 rejections, respectively. Revision 2 to CAR 1-W-0029 stated in the disposition that the defective welds would be transferred to a Nonconformance Report (NCR). The NRC inspector obtained a copy of NCR ISN 10381PW which was used as the vehicle to carry out the direction provided by CAR 1-W-0029. It appears that DIC Project Welding Engineering personnel again reinspected the welds to

8411140287-841105
PDR ADOCK 05000482
G PDR

13001
1/0

Letter Mr. Darrell Eisenhut
Page 2

more clearly define the nature and extent of the defects on a weld-by-weld basis. A majority of the defective welds were categorized as having "cosmetic" defects. The DIC recommended disposition was use-as-is for welds identified containing "cosmetic" defects. The NCR states that "cosmetic" defects include arc strikes, convexity, cold roll (understood to be synonymous with overlap), porosity, and acceptable amounts of undercut. The NRC inspector noted with respect to these defects that overlap is prohibited by the governing AWS D1.1-75 Code, and specific acceptance criteria for the other defects are also defined by this Code.

* * *

On August 16, 1983, DIC personnel issued CAR 1-C-0031 which indicated that approximately 16.4 percent of the miscellaneous structural steel welding records for "Q" welding could not be located. After corresponding back and forth, DIC and the engineer concluded that it was acceptable for some amount of these records to be missing, provided that the quality inspection program was acceptable. Senior licensee QA management expressed to the NRC inspector that the program had obviously been fully successful since very few welds had been found to require repair after a substantial reinspection effort associated with CAR 29. The NRC inspector expressed concern with this approach to resolution and suggested that the licensee reevaluate their position.

* * *

During the week of September 17, 1984, a reinspection of the identified structural members with the highest design loads or the lowest design strength safety margin was initiated. The reinspection identified a number of welds which do not meet drawing requirements. This information was presented to the NRC staff during a meeting conducted on September 25, 1984. In an effort to confirm certain of the identified conditions, the NRC inspector accompanied DIC welding inspectors into the reactor building to observe specific, identified weld joints. This observation confirmed the welding inspectors' findings; e.g., welds that are undersized and of insufficient length, lack of fusion, and missing welds.

The missing welds are from the same location in each of six pressurizer support connections. Certain of the other welds in the pressurizer support connections were

undersized and of insufficient length. Drawing No. C-05 2904 shows that various length 5/8-inch welds are required in 14 specific locations. Four locations required a 5/8-inch fillet weld of 8 inches in length. The actual welds in two of the locations measured between 3/8-inch and 1/2-inch by 5 inches in length, and 1/2-inch by 3 inches in length. The missing welds and the undersized, insufficient length welds are clearly not in compliance with the requirements of the drawing or AWS D1.1-75. The initial weld inspection record for these connections could not be located.

The NRC inspector accompanied two DIC welding inspectors for reinspection of nine structural steel connections in the auxiliary building. Drawing No. K6720, applicable to these connections, shows 12 weld locations per connection with certain of the welds requiring returns. Reinspection of the welds and returns involved provided the following summarized data:

- Missing welds	2
- Welds with insufficient length	9
- Undersized welds	6
- Undersize welds with insufficient length	2
- Overlength returns	44
- Undersize returns	25
- Undersize returns with insufficient length	1

The NRC inspector requested the initial weld inspection records for these welds and returns in the 9 reinspected connections. As of September 28, 1984, the only inspection records that were located pertained to 10 welds and 6 returns in one connection, and 8 welds and 4 returns in each of 3 other connections. These records did not indicate that the welds were anything other than acceptable. The licensee informed the NRC inspector of a situation where one inspection record for connection 524B2 clearly indicated by an attached sketch the existence of the a weld that reinspection found not to exist. This problem will be followed up in conjunction with the other structural steel problems.

The NRC inspector made a comparison between the existing initial inspection records and the results of

Letter Mr. Darrell Eisenhut
Page 4

the reinspection effort in order to determine the validity of the initial records. The initial records show that the 10 welds with 6 returns in one connection were inspected and accepted on December 11, 1978. The reinspection identified one undersized weld, other undersized and overlength returns, and three overlength returns. The initial records for the other three connections show that eight welds with four returns per connection were inspected and accepted on September 8, 1979. The reinspection of these welds and returns identified two returns which were overlength and undersized and two returns which were overlength per connection.

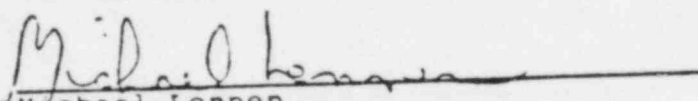
The failure to execute the required welding inspection program is a violation of Criterion X of Appendix B to 10 CFR Part 50. (482/8422-01).

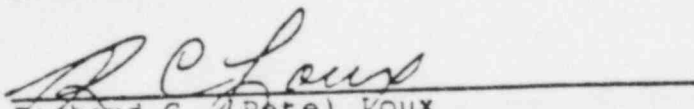
We note that you have recently been quoted by the press as indicating that these welding problems could portend extensive delays. We assume that you now question the most recent NRC case load forecast panel estimate for the date of fuel load. Due to the ratemaking impact of project delay, it is necessary that we inquire as to your best estimate at this time of the length of project delay occasioned by the defects identified in the above-referenced inspection report.

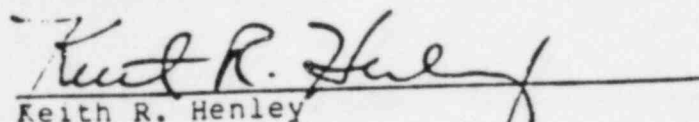
Thank you for your cooperation.

Sincerely,

KANSAS CORPORATION COMMISSION


Michael Lennen
Chairman


Richard C. (Pete) Loux
Commissioner


Keith R. Henley
Commissioner

RF/jlm

STATE OF KANSAS



TOPEKA

HOUSE OF
REPRESENTATIVES

February 14, 1985

The Honorable Nunzio Palladino
Chairman
Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Chairman:

We, the undersigned, members of the Kansas Senate and House of Representatives, are deeply concerned with the approaching conditional licensure of the Wolf Creek electrical generating station. It is our understanding that this licensure may occur in spite of the fact that open investigations exist into matters such as alleged construction defects and quality assurance deficiencies. Since such matters are directly relevant to the issue of plant safety, we ask for your assistance.

Correspondence between your office and the offices of Congressman Dan Glickman and Congressman John D. Dingell has been made available for our review. It is clear from our review of the Congressmen's questions and your response that:

- 1) A substantial number of structural steel welds have been found to be below accepted standards;
- 2) Investigations into the weld deficiencies are underway, including such issues as missing, falsified or erroneous quality assurance records; and
- 3) Unanswered safety questions remain, including problems relating to the safe separation of electrical cables.

We have, for several years, expressed our concerns and our citizen's concerns relating to the safe and economical production of nuclear-generated electricity. The Wolf Creek project has been the object of scrutiny from this Legislature and from other agencies of state government. We have attempted to maximize the ability of our utility commission to review the project and determine the extent to which the ratepayers will assume construction related costs.

~~8502200141 PDR~~

10pp

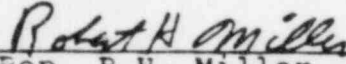
However, Congress has established that your commission is the review mechanism for all matters relating to the safe construction and operation of nuclear plants. It is in that capacity that we seek your assistance.

We ask that all investigations, including any pre-investigation matters pending in the Office of Investigation and of Inspection and Enforcement, be concluded in a comprehensive and thorough manner. We ask that your findings be made available to us, to the Kansas Congressional delegation, our Governor and Attorney General, and to the Kansas Corporation Commission. We ask that these things be done prior to the issuance of a conditional, low-power operating license.


When the power is turned on at Wolf Creek, it is essential that all questions have been answered and all safety standards met. Only these conditions will provide the needed assurances to Kansas to validate the operational integrity of the Wolf Creek plant.


We ask for your prompt response, and express our appreciation for your consideration of this matter.

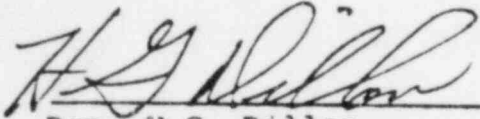
Sincerely,


Rep. R.H. Miller



Sen. Michael Johnston

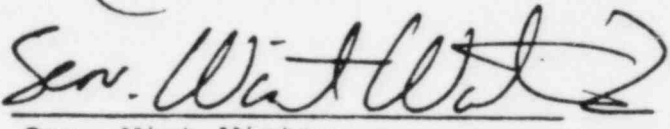

Rep. Ken Grotewiel

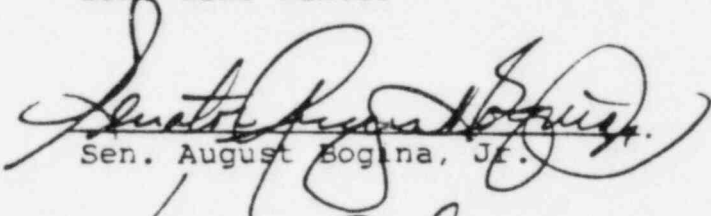

Rep. Richard Schmidt

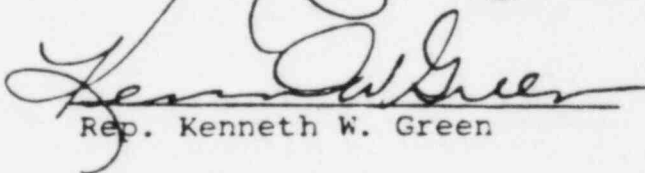

Rep. H.G. Dillon

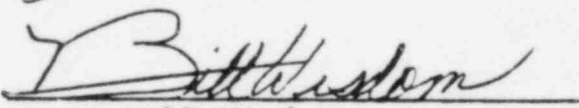

Rep. Kent Campbell

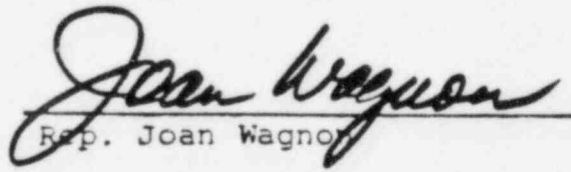

Rep. Marvin Wm. Barkis

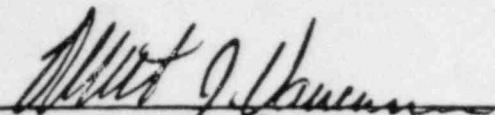

Sen. Wint Winter


Sen. August Bogina, Jr.

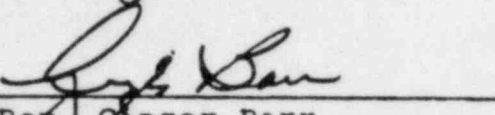

Rep. Kenneth W. Green


Rep. Bill Wisdom

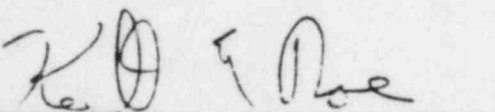

Rep. Joan Wagon

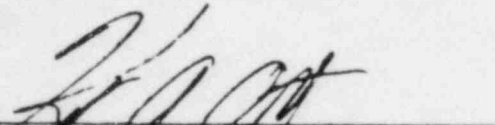

Rep. Robert J. Vancrum

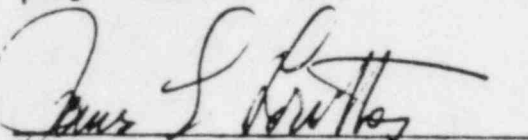

Rep. Kerry Patrick


Rep. Ginger Barr

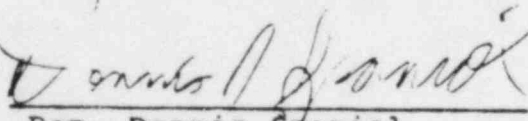

Rep. Ron Fox

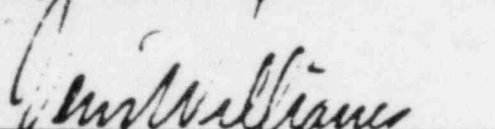

Rep. Keith Roe

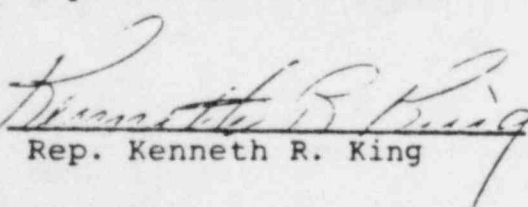

Rep. Kent A. Ott

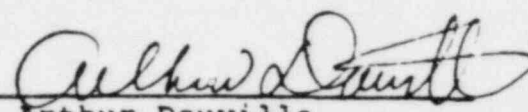

Rep. James E. Lowther

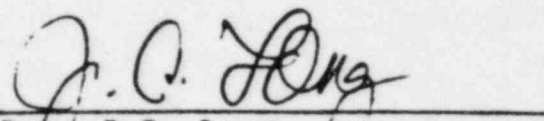

Rep. Ed C. Rolfs

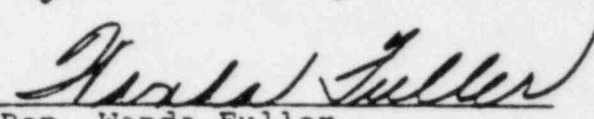

Rep. Dennis Spaniol

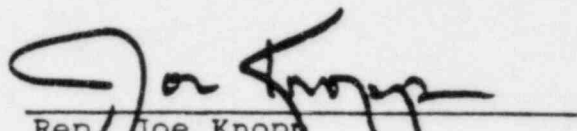

Rep. Vernon Williams

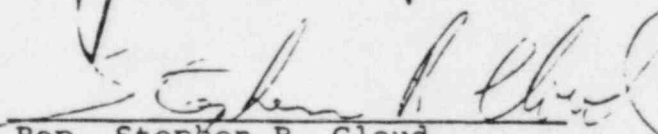

Rep. Kenneth R. King

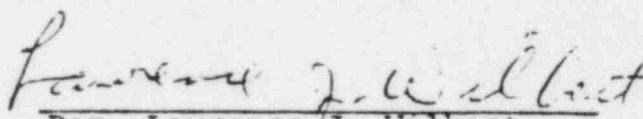

Rep. Arthur Douville

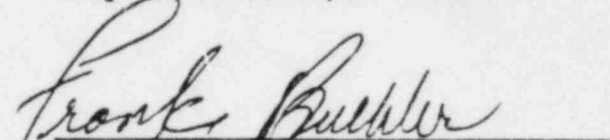

Rep. J.C. Long


Rep. Wanda Fuller

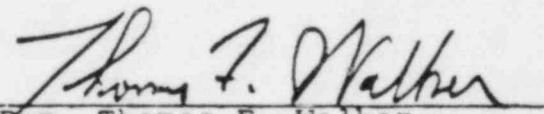

Rep. Joe Knopp

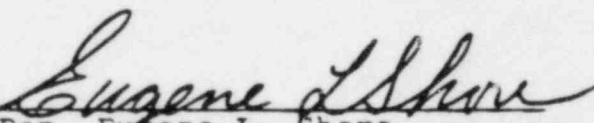

Rep. Stephen R. Cloud

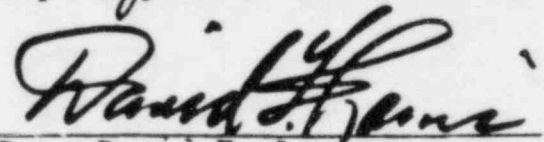

Rep. Lawrence J. Wilbert

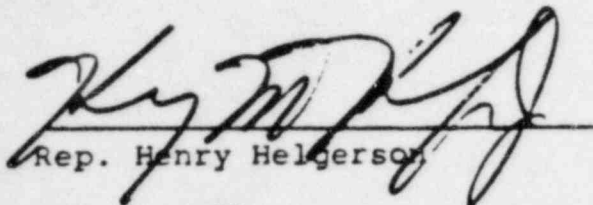

Rep. Frank J. Buehler

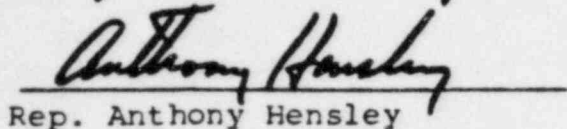

Rep. Robert D. Miller

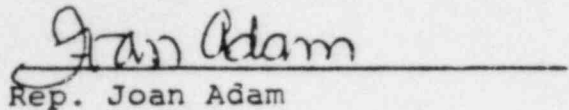

Rep. Thomas F. Walker

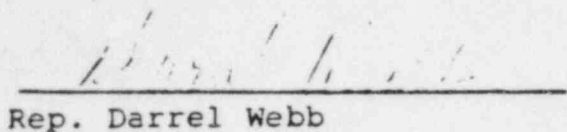

Rep. Eugene L. Shore

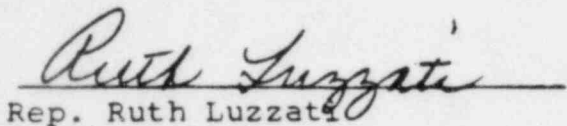

Rep. David F. Louis

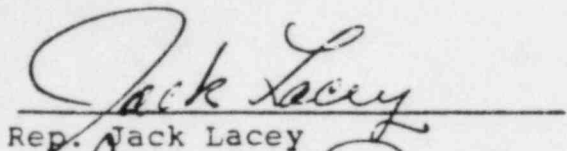

Rep. Henry Helgeson

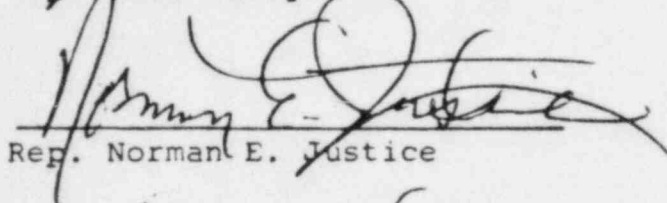

Rep. Anthony Hensley

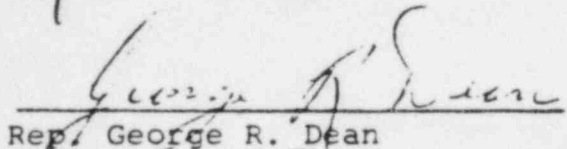

Rep. Joan Adam

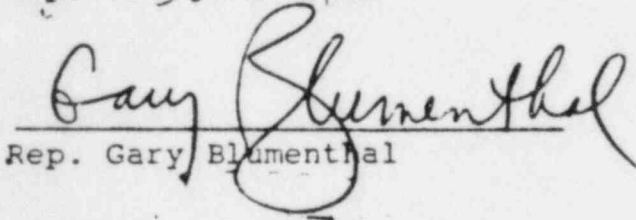

Rep. Darrel Webb

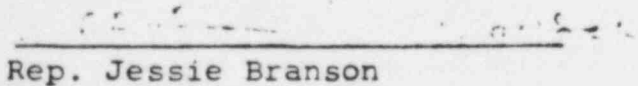

Rep. Ruth Luzzati

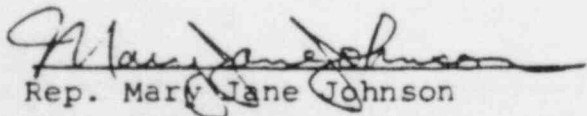

Rep. Jack Lacey



Rep. Norman E. Justice


Rep. George R. Dean

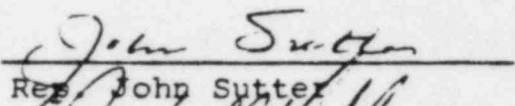

Rep. Gary Blumenthal

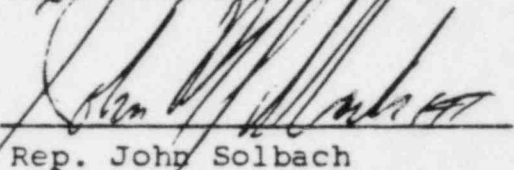

Rep. Jessie Branson

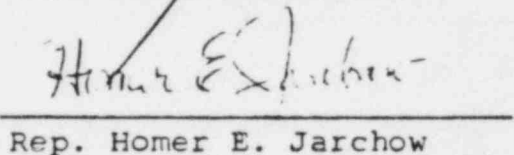

Rep. Mary Jane Johnson

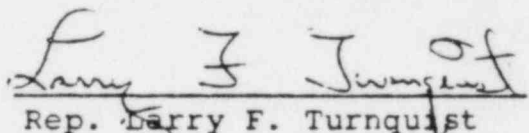

Rep. Theo Cribbs



Rep. Judith C. Runnels

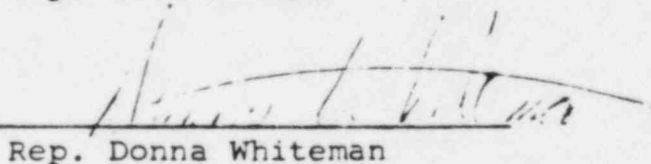

Rep. John Sutter

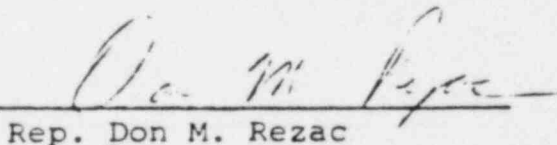

Rep. John Solbach

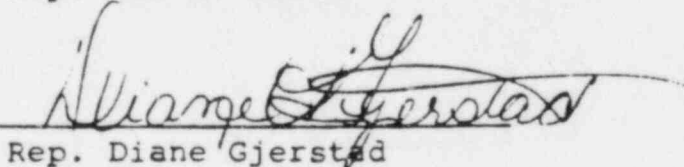

Rep. Homer E. Jarchow

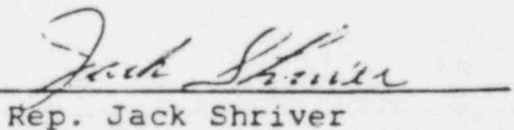

Rep. Larry F. Turnquist


Rep. Rick Bowden


Rep. Donna Whiteman


Rep. Don M. Rezac


Rep. Diane Gjerstad


Rep. Jack Shriver

Duane A. Goossen
Rep. Duane A. Goossen

Vincent K. Snowbarger
Rep. Vincent K. Snowbarger

Denise C. Apt
Rep. Denise C. Apt

Phil Kline
Rep. Phil Kline

S.B. Sifers
Rep. S.B. Sifers

Edwin Bideau, III
Rep. Edwin Bideau, III

Clyde D. Graeber
Rep. Clyde D. Graeber

Mike O'Neal
Rep. Mike O'Neal

Al Ramirez
Rep. Al Ramirez

Richard Eckert
Rep. Richard Eckert

Martha Jenkins
Rep. Martha Jenkins

Elaine Hassler
Rep. Elaine Hassler

Elizabeth Baker
Rep. Elizabeth Baker

Burt DeBaun
Rep. Burt DeBaun

Gayle Mollenkamp
Rep. Gayle Mollenkamp

Nancy Brown
Rep. Nancy Brown

Rex B. Hoy
Rep. Rex B. Hoy

Don Sallee
Rep. Don Sallee

Phil Martin
Sen. Phil Martin

JOSEPH F. NORVELL
Sen. Joseph F. Norvell

James L. Francisco
Sen. James L. Francisco

Richard G. Gannon
Sen. Richard G. Gannon

John Strick, Jr.
Sen. John Strick, Jr.

William Roy
Rep. William Roy, Jr.

Bill Mulich
Sen. Bill Mulich

Jesse Harder
Rep. Jesse Harder

Nancy Parrish
Sen. Nancy Parrish

L.V. (Sam) Roper
Rep. L.V. (Sam) Roper

Eugene Anderson
Sen. Eugene Anderson

Paul Feleciano, Jr.
Sen. Paul Feleciano, Jr.

Patricia Weaver
Rep. Patricia Weaver

Donald Mainey
Rep. Donald Mainey

Bill Brady
Rep. Bill Brady

Kathryn Sughrue
Rep. Kathryn Sughrue

LeRoy F. Fry
Rep. LeRoy F. Fry

C. C. Love
Rep. C. C. Love

Michael J. Peterson
Rep. Michael J. Peterson

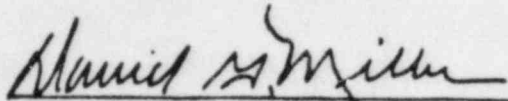
George Teagarden
Rep. George Teagarden

Ken Francisco
Rep. Ken Francisco

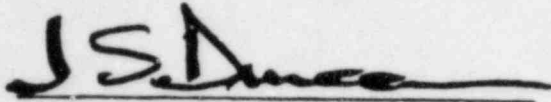
Betty Jo Charlton
Rep. Betty Jo Charlton

Bill Reardon
Rep. Bill Reardon

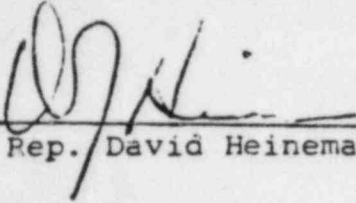
Robin Leach
Rep. Robin Leach



Rep. David G. Miller



Rep. J.S. Duncan



Rep. David Heinemann



nuclear · awareness · network

1347½ massachusetts • lawrence, kansas 66044



Ben Hayes
Director of Office of Investigations
USNRC
Washington, D.C. 20555





nuclear · awareness · network

1347½ massachusetts · lawrence, kansas 66044 · (913) 749-1640

U.S. NRC

1985 FEB 27 AM 11:51

U.S. NRC
DIVISION OF INVESTIGATIONS

We wished to be assured that your office has received a copy of this letter to NRC Chairman Palladino from 101 Kansas legislators.

Sincerely,

Stevi Stephens

Stevi Stephens

6/6;



UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INVESTIGATIONS FIELD OFFICE, REGION IV
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TEXAS 76011

DATE: June 29, 1984

REPORT OF INVESTIGATION

TITLE: WOLF CREEK NUCLEAR POWER STATION;
ALLEGED INTIMIDATION OF QUALITY CONTROL INSPECTOR

SUPPLEMENTAL NO. DN 50-482

CASE NUMBER: 4-84-003

CONTROL OFFICE: OI FIELD OFFICE: REGION IV STATUS: CLOSED

PERIOD OF INVESTIGATION: January 10, 1983 - March 9, 1984

REPORTING INVESTIGATOR: Richard K. Herr
Wendel E. Frost, Investigator
Office of Investigations Field Office, Region IV

PARTICIPATING PERSONNEL: H. Brooks Griffin, Investigator
Office of Investigations Field Office, Region IV

REVIEWED BY: Richard K. Herr
Richard K. Herr, Director
Office of Investigations Field Office, Region IV

Roger Fortuna
Roger Fortuna, Deputy Director
Office of Investigations

APPROVED BY: Ben E. Hayes
Ben E. Hayes, Director
Office of Investigations

~~6503190112 PDR~~

28 pp

6/2, 12

SUMMARY

An allegation was received by the Office of Investigations Field Office, Region IV, U. S. Nuclear Regulatory Commission (NRC), that a Daniel International Corporation (DI) Quality Control (QC) inspector at the Wolf Creek Nuclear Generating Station, Burlington, Kansas, had been intimidated by a DI senior QC supervisor. The alleged intimidation caused the DI QC inspector to terminate his employment because his freedom to report nonconforming conditions had been eliminated.

The DI QC inspector was interviewed and stated that he had been the subject of a meeting wherein a DI senior QC supervisor made intimidating statements to him, including the statement, "Cooperate with construction." The DI QC inspector stated that he performed all his inspection duties in a proper manner; however, he voluntarily terminated his employment 23 days after the date the alleged intimidation occurred because he believed that his freedom to report nonconforming conditions had been eliminated.

A DI QC lead hanger inspector who was a witness to the alleged act of intimidation and who kept a diary of the incident was interviewed. This QC lead hanger inspector provided the diary to the reporting investigator. The diary reflects the date the meeting took place and the quotes and comments that were made by the DI senior QC supervisor to the DI QC inspector. The quoted wording contained in the diary is, "Everyone in this seg. will cooperate, including craft" (the word "including" was written using a shorthand symbol) and "These welds will not be held up over nitpick problems."

The DI senior QC supervisor who allegedly made the intimidating statements was interviewed and denied making any intimidating statements to the DI QC inspector in question. The DI senior QC supervisor stated that statements like, "Cooperate with construction" or any other statements of that type would, if stated by a supervisor in his position, be intimidating to QC personnel.

Subsequently, this same DI senior QC supervisor was reinterviewed at his own request the next day and admitted making the following statement to the DI QC inspector in question, "There is no room in this organization for people who

cannot work together;" however, he denied making the statement, "Cooperate with construction." The DI senior QC supervisor denied attempting to intimidate the DI QC inspector, even though he acknowledged that a statement like "cooperate with construction" is an intimidating statement.

The DI project QC inspection manager who is the DI senior QC supervisor's immediate supervisor was interviewed and stated he was aware that a meeting occurred between a QC inspector and the senior QC supervisor; however, he denied having any other knowledge concerning the meeting.

TABLE OF CONTENTS

<u>Page Title</u>	<u>Page No.</u>
Purpose of Investigation	1
Background	2
Interview of Paul B. HALE	3
Interview of Howard SIGREST	4
Interview of Edward SHEVLIN	5
Reinterview of Edward SHEVLIN	6
Interview of Ronnie McCRAVEY	8
Status of Investigation	9
Exhibits	10

DETAILS

Purpose of Investigation

The purpose of this investigation was to determine if a Daniel International Corporation senior QC supervisor at the Wolf Creek nuclear power plant in Burlington, Kansas, had intimidated a DI QC inspector at the plant, causing the QC inspector to terminate his employment because his freedom to report nonconforming conditions had been eliminated and he could no longer properly perform his duties as a quality control inspector.

Background

On December 20, 1983, Paul B. HALE, a QC inspector for DI, telephonically contacted NRC Investigator Wendel E. FROST and alleged numerous technical allegations as well as one allegation of intimidation.

On January 10, 1984, Paul B. HALE, a former DI QC inspector, was interviewed by Wendel E. FROST, and executed a signed, sworn statement. HALE described 12 technical allegations which were subsequently reported by the Office of Investigations Field Office (OIFO), Region IV, NRC, on January 26, 1984, under OI Report No. Q4-84-002. One of HALE's additional concerns involved alleged intimidation by one of his supervisors whom he identified as Edward SHEVLIN, DI Senior QC Inspector. According to HALE, the alleged intimidation caused him to terminate his employment because his freedom to report nonconforming conditions had been eliminated, and he could no longer properly perform his duties as a QC inspector. On January 31, 1984, the Region IV OIFO self-initiated an investigation addressing this specific alleged act of intimidation.

Interview of Paul B. HALE

On January 10, 1984, Paul B. HALE, a former QC inspector for DI at Wolf Creek, was interviewed by NRC Investigators Wendel E. FROST and H. Brooks GRIFFIN in Bloomington, Illinois. HALE executed a signed, sworn statement which is included with this report as Exhibit (1).

HALE detailed an incident that occurred on November 30, 1983, wherein his immediate supervisor, Howard SIGREST, DI Lead Hanger QC Inspector, contacted him (HALE) and explained that the DI senior QC supervisor, Ed SHEVLIN, had requested a meeting with SIGREST and himself (HALE) in his (SHEVLIN's) office. HALE stated that after he and SIGREST arrived at SHEVLIN's office, SHEVLIN told him (HALE) to cooperate with construction. HALE remarked that SHEVLIN also told him that he (SHEVLIN) would not have anyone working with him who would not cooperate. HALE related that he felt intimidated by SHEVLIN due to SHEVLIN insisting upon his (HALE's) cooperation with construction, and added that this was a determinating factor in his resignation on December 23, 1983.

HALE explained that after the intimidating conversation by such a high-ranking DI official, he could not effectively inspect or perform his (HALE's) inspection duties knowing that he (HALE) was supposed to cooperate with construction. HALE stated that between the time of the meeting and his voluntary termination, he performed all his QC inspection duties properly.

HALE related that after the meeting, Howard SIGREST told him (HALE) that he (SIGREST) felt SHEVLIN had intimidated him (HALE). HALE related SIGREST remarked that he was going to document in writing that the meeting had occurred.

Interview of Howard SIGREST

On March 8, 1984, Howard SIGREST, Lead Hanger Inspector for DI at Wolf Creek, was interviewed by NRC Investigator Wendel E. FROST in New Strawn, Kansas. SIGREST executed a signed, sworn statement which is included with this report as Exhibit (2). SIGREST also agreed to mail a copy of his diary to the reporting investigator. On March 13, 1984, reporting investigator received through the mail a copy of SIGREST's diary that documented the incident in question, which is included with this report as Exhibit (3).

SIGREST detailed an incident that occurred on November 30, 1983, in which he was a witness to a meeting that occurred between Paul B. HALE, DI QC Inspector, and Ed SHEVLIN, DI Senior QC Supervisor. SIGREST related that SHEVLIN had received allegations from craft concerning HALE's attempt to slow construction on a BB system (safety related piping) by giving only one problem at a time to craft. HALE was also accused of telling craft from the start that he was not going to approve ("buy off") the work.

SIGREST related that SHEVLIN had received the allegations against HALE on November 29, 1983. SIGREST stated that upon SHEVLIN's request he escorted HALE to meet SHEVLIN on November 30, 1983.

SIGREST related that both men were tense over the issue of the meeting. SIGREST recalls SHEVLIN saying, "I'll have no one on my team and no one in my organization that doesn't play ball."

SIGREST, when asked if he felt that the statement made by SHEVLIN to HALE was intimidating, stated he preferred not to make a judgement, however, stated that he was surprised that SHEVLIN had made a statement of this nature to HALE. SIGREST related he did not recall telling HALE that he felt SHEVLIN had intimidated him (HALE), but did recall telling HALE that he (SIGREST) would document the meeting in writing, including SHEVLIN's statements.

Interview of Edward SHEVLIN

On March 8, 1984, Edward SHEVLIN, Senior QC Supervisor for DI at Wolf Creek, was interviewed by NRC Investigator Wendel E. FROST at the Wolf Creek nuclear power plant. SHEVLIN executed a signed, sworn statement which is included with this report as Exhibit (4).

SHEVLIN related his version of a meeting that occurred between himself and Paul B. HALE, DI QC Inspector, in about November of 1983. SHEVLIN could not recall anyone else being present at the meeting. SHEVLIN related that he had received complaints from construction that HALE was holding up the work on a BB system (safety related) by finding problems one at a time. SHEVLIN related he felt that HALE was incorrect about concerns he (HALE) had involving material identification on weld records in reference to crossover pipes.

SHEVLIN related that he discussed the problem with HALE, but denied saying to HALE, "Cooperate with construction" and "I will not have anyone work for me who will not cooperate." SHEVLIN also denied saying, "I'll have no one on my team and no one in my organization that doesn't play ball."

SHEVLIN related that he would never make these kinds of statements to any QC personnel. SHEVLIN related he felt that any statements of that type would definitely be intimidating to any QC personnel.

SHEVLIN related that he did not receive any instructions from any of his supervisors to talk to HALE. SHEVLIN stated that neither man lost his temper in the meeting. SHEVLIN related he felt that both men had reached a mutual understanding when the meeting was completed.

Interview of Ronnie McCRAANEY

On March 8, 1984, Ronnie McCRAANEY, Project QC Inspection Manager for DI at Wolf Creek, was interviewed by NRC Investigator Wendel E. FROST at the Wolf Creek nuclear power station. McCRAANEY executed a signed, sworn statement which is included with this report as Exhibit (6).

McCRAANEY related he was aware of a meeting that took place between Edward SHEVLIN, DI Senior QC Supervisor, and Paul HALE, DI QC Inspector. McCRAANEY related that he did not recall the meeting with any details as he had no part in the meeting. McCRAANEY related he did not direct SHEVLIN to have the meeting, nor did he receive a briefing from SHEVLIN after the meeting occurred. McCRAANEY related the concerns of SHEVLIN that prompted the meeting were his own, and that SHEVLIN handled the problem at his own level of supervision. McCRAANEY denied having any other knowledge concerning the meeting.

Reinterview of Edward SHEVLIN

On March 9, 1984, Edward SHEVLIN, Senior QC Supervisor for DI at Wolf Creek, was reinterviewed by NRC Investigator Wendel E. FROST at the Wolf Creek nuclear power station at his own request. SHEVLIN executed a second signed, sworn statement which is included with this report as Exhibit (5).

SHEVLIN related that after he had given reporting investigator a signed, sworn statement on March 8, 1984, he had talked to Howard SIGREST, DI Lead Hanger Inspector. SHEVLIN related that talking to SIGREST, a witness to the meeting, had refreshed his (SHEVLIN's) memory.

SHEVLIN remembers events leading up to the meeting as being the same as detailed in his first signed, sworn statement, dated March 8, 1984. SHEVLIN related that he later recalled more details of the November 1983 meeting. SHEVLIN related that HALE did not want to talk to SHEVLIN at all when the meeting first started. SHEVLIN related that HALE accused SHEVLIN of taking the side of craft. SHEVLIN remarked he did not feel that he (HALE) was angry, only upset. SHEVLIN related that he (SHEVLIN) did not get angry as he deals with those types of problems every day. SHEVLIN related that the meeting lasted 20 to 30 minutes, and the results of the meeting were that SHEVLIN felt HALE was not totally wrong in his concerns and that craft was not totally correct with their complaints. SHEVLIN again related that he felt both men had reached a mutual understanding.

SHEVLIN stated that he did make statements such as, "There is no room in this organization for people who cannot work together" to HALE. SHEVLIN denied that this statement was intended as an act of intimidation or threat. SHEVLIN related he did not feel that he was putting pressure on HALE.

SHEVLIN again denied saying to HALE, "Cooperate with construction," "I will not have anyone work for me who will not cooperate," and "I'll have no one on my team and no one in my organization that doesn't play ball."

SHEVLIN again emphasized that if he had made statements that strong, it would be intimidating to any QC personnel. SHEVLIN also denied becoming angry at the meeting.

INVESTIGATOR'S NOTE: Pertinent extracts from SIGREST's diary, dated November 30, 1983 (Exhibit (3) pertains), reflect SHEVLIN's remarks as, "Everyone in this seg. will cooperate, including craft" (a shorthand symbol was used for the word "including") and "These welds will not be held up over nitpick problems."

STATUS OF INVESTIGATION

The status of this investigation is CLOSED.

EXHIBITS

- | | |
|--|----------|
| (1) Signed, Sworn Statement of Paul B. HALE | 1-10-84 |
| (2) Signed, Sworn Statement of Howard SIGREST | 3-08-84 |
| (3) Diary of Howard SIGREST | 11-30-83 |
| (4) Signed, Sworn Statement of Edward SHEVLIN | 3-08-84 |
| (5) Signed, Sworn Statement of Edward SHEVLIN | 3-09-84 |
| (6) Signed, Sworn Statement of Ronnie McCRAVEY | 3-08-84 |

AI

PLACE: 104 ~~104~~ *Hamada Inn*
Bloomington, Illinois

DATE: 1-10-84

I, Paul B. HALE, hereby make the following voluntary statement to Wendel E. FROST and Brooks H. GRIFFIN, who have identified themselves to me as Investigators with the U.S. Nuclear Regulatory Commission. I make this statement freely with no threats or promises of reward having been made to me.

I was previously employed by Daniel International Corporation (DI) as a Quality Control Inspector at the Wolf Creek Nuclear Power Station, Burlington, Kansas. I held that position for approximately 20 months and left DI's employment on December 23, 1983.

My first concern involving Wolf Creek stems from an incident that occurred to me in December 1983. I was called to do a cleanliness inspection, both internal and external, in the Pressurizer Room. Upon looking inside a horizontal run of pipe, a visual defect was noted. The piping in question is ID loop piping that comes out of the top of the pressurizer and is safety-related pipe. The weld with the defect that I am referring to is Field Weld No. FW512, reference Drawing No. IM13-BB04Q. The visual defect that was noted in the weld was excessive penetration of unconsumed filler, this is commonly referred to as a melt-through or a burn-through. This defect can be observed visually as unmelted portions of filler wire extrude from the weld and can be seen visually. Upon viewing this discrepancy, I asked the pipe fitter to call the DI Foreman, Robert ATKINSON, and the DI Welding Superintendent, Bruce HARDEN, to the Pressurizer Room. Bruce HARDEN related to me that a meeting had transpired earlier that day between himself and DI Project Welding Engineer, Kieth HOLLINGSWORTH. The results of this meeting were that even though both men knew that the weld did not meet acceptable standards and approved procedures on the site, no repair would be done on the weld because an acceptable radiograph was on file with Quality Control. I then asked for the DI Weld Engineer, Jack MAY, and his assistant, Gerald DOLNEY, to be present. Both men were summoned to the Pressurizer Room at this time. All the above mentioned personnel then looked inside the pipe and agreed that the weld was not acceptable. I then asked Jack MAY to issue weld repair instructions. Again Mr. MAY said that he couldn't because the weld had an acceptable radiograph on file with the Quality Control Department. He told me that he believed we had a possible 5055E reportable violation "on our hands." I told Jack MAY not to be using those words so loosely at the time. Gerald DOLNEY (supra) expressed his concern that he wanted to talk to upper management about the problem; however, I suggested to Jack MAY that the proper thing to do was to write an NCR. I then requested verbally from Jack MAY a reshot of the radiograph of field weld no. FW512. Jack MAY again refused the request, basing his decision on the fact that an acceptable radiograph was on file.

At a later time, I was unable to take a look at the radiograph that was supposed to have been for field weld 512. The Radiograph Report Number was PBTRT6813. This radiograph indicated that the joint configuration of the

Sigma TUA

Lead Insp. J.

weld was a pipe to elbow fit. The actual condition of field weld FW512 was a pipe-to-pipe fit, which indicated to me that the radiograph for field weld FW512 was in fact a radiograph of a different weld.

I made a request to the Supervisor of Engineering for DI, Gary JONES, that a new radiograph be taken of the weld. Gary JONES denied my request. I then made the same request to my senior supervisor, Ed SHEVLIN. This request was also denied. Mr. SHEVLIN told me that I had fulfilled my duty by reporting the condition and preparing an NCR. I later learned that the NCR No. 15N14769PW that I had prepared on field weld no. FW512 had been dispositioned "use as is," with a Bechtel concurrence. I feel the reason that this weld was not repaired was that DI was on a tight time schedule to complete the piping system, and rather than repair the weld or perform another radiograph, a decision was made to cover up this problem in order to meet production schedules. Even though I know of no witnesses, a meeting was supposed to have occurred between Keith HOLLINGSWORTH, DI Project Weld Engineer, Jack MAY, DI Engineer, Ron McCranney, DI Project Quality Inspection Manager, and Ed SHEVLIN, DI Senior Quality Supervisor, that resulted in a decision to cover up the discrepancies of field weld no. 512.

Because of my concern about the problem of field weld no. FW512, I told Wade Pinkard that I requested photographs of the weld to be taken by the site photographer, Loren Steele. I had made arrangements for these photographs to be made available upon development to the NRC.

My second concern involving Wolf Creek stems from an instance where I felt I was intimidated by DI's Senior Quality Supervisor, Ed SHEVLIN. On November 30, 1983, Ed SHEVLIN called me and my DI Lead, Howard SIGREST, into his office. Ed SHEVLIN told me that I would cooperate with construction and that he would not have anyone work with him who would not cooperate. At this time, I felt I was intimidated by Ed SHEVLIN. His insistence upon my cooperation was a determining factor for my resignation on December 23, 1983. I felt after this intimidating conversation by such a high-ranking DI official that I could not effectively inspect or perform my inspection duties knowing that I was supposed to cooperate with construction. I felt that this intimidation would keep me from properly performing my duties as a quality control inspector, and it is for this reason that I terminated my employment. After the meeting with Ed SHEVLIN, I told my Lead, Howard, SIGREST, that I felt intimidated. Howard SIGREST agreed with me at this time and agreed to document, in some type of written form, that this meeting had occurred.

My third concern involving Wolf Creek deals with the technical issue of the quenching of stainless steel welds with the use of water. I am aware of three welds of which I knew that water was used to cool the stainless steel welds. These welds are (1) IM03-BB07QOZECR-17RW308, (2) IM03-BG23QOZECR-27RW315, and (3) IM03-BG21QOZECR-16W012A. I am attaching three documents to this statement which supports and clarifies my concerns. Attachment (1) is an inter-office memorandum dated May 26, 1983, Attachment (2) is an inter-office memorandum dated June 9, 1983, and Attachment (3) is a memorandum dated July 21, 1983. All three of these documents concern the quenching of stainless steel welds. This was a standard practice and does not violate code or procedure criteria, however, no action was ever taken after a request was made for procedural changes.

12/1 Balle

The request for a procedural change was done by a DI Quality Engineer, David MAULDEN who expressed concerns over the use of using water to quench stainless steel welds. David MAULDEN requested that additional justification be put into the procedures for the continuing use of water as a method of quenching stainless steel welds. My concern is that David MAULDEN's request for procedural changes has never been properly addressed.

My fourth concern involving Wolf Creek involves potential quality problems that should have been directed to quality engineering for a response, but were short circuited by DI Supervisor, Richard BOOTH. Richard BOOTH decided that as supervisor he was qualified as a quality engineer to answer potential quality control problems. As a result of Richard BOOTH's decision to short circuit these written requests, potential quality control problems were never addressed by a qualified quality engineer. I am attaching six three-part memorandums, Attachment Nos. (4-9), which will clarify my concern.

8/5/83
My fifth concern involving Wolf Creek concerns DI Supervisor, Richard BOOTH. During the course of my duties as quality control inspector, I wrote a surveillance report as required by APV114 that was closed-out by Richard BOOTH, with a message "See attached memo." This type of answer violates surveillance procedure. I am enclosing Attachment (10), which is a memorandum from myself to Quality Engineering, and Attachment (11), which is a Quality Surveillance Report dated 5/83. I am also enclosing Attachment (12), which is a Quality Surveillance Report dated 8/8/83. These documents should help clarify my concerns of this issue.

My sixth concern involving Wolf Creek relates to an incident in which vendor spools were cut in half prior to inspections by Quality Control. The traceability of metals was lost because these spools were cut in half prior to inspection. I am enclosing Attachment (13), which is a Quality Surveillance Report dated November 11, 1983, to help clarify this technical issue.

Paul B. Blake
My seventh concern involving Wolf Creek is in the way that changes to the NDE tags on site were processed. I feel that the way it is currently handled violates AP-V1-05, which is a procedure which involves NDE subcontractors. I am enclosing Attachment (14), which is a report entitled Processing of NDE Reports. This attachment should clarify my technical concerns of this issue.

My eighth concern involving Wolf Creek is a problem with generic NCR reports. I feel that the current procedure AP-V1-02 does not contain any requirements that would properly document generic NCR's. I am enclosing Attachment (15), which is a six-page document titled Generic References, which should help clarify this technical issue.

My ninth concern involving Wolf Creek relates to the improper documentation involving the heat number on a piece of traceable metal to be welded to a valve. I do not feel that Supervisor Richard BOOTH adequately handled this documentation. I am enclosing Attachment (16), my notes, which will give more detail to this concern.

Page 3 of 4

My tenth concern involving Wolf Creek involves the use of small hanger parts (load pins and conical washers). I feel that these parts were not tagged in accordance with procedural requirements. I am enclosing Attachment (17), a Quality Surveillance Report No. SR-601-N, and Attachment (18), which are my notes concerning the issue, as documentation that should clarify this technical issue.

My eleventh concern involving Wolf Creek deals with Nonconformance Report No. ISN12865P. This NCR was voided because it was felt that this inspection was beyond the normal scope of a quality inspector activities. I am enclosing Attachment (19), which is Nonconformance Report No. ISN12865P. The details reported in the NCR should clarify my concern on the improper voiding of nonconformance reports. I am also enclosing Attachment (21), which is an inter-office memorandum dated August 20, 1983.

My twelfth concern involving Wolf Creek deals with the problem of using correcting ribbon on a typewriter to make corrections of Nonconformance Reports. I feel this does not meet procedure, and I am enclosing Attachment (22), a memorandum dated 7-14-83, to address these concerns.

My thirteenth concern involving Wolf Creek deals with the improper use of Surveillance Reports. I am enclosing Attachment (23), which are my notes on this generic problem. These notes should help verify my concerns involving improper use of Surveillance Reports. I am also enclosing Attachment (24), which is a Quality Surveillance Report dated 12/15/83, which has not been properly handled. I am also enclosing Attachment (25), which is a Quality Surveillance Report that has not been properly handled. All these documents should help clarify my technical concerns on the improper use of Quality Surveillance Reports.

I have read the foregoing statement consisting of 4 typed pages. I have made and initialed any necessary corrections and have signed my name in ink in the margin of each page. I swear that the foregoing statement is true and correct. Signed on

January 10, 1984 at 10:00 pm.
Paul B. Hale

SIGNATURE: Paul B. HALE

Subscribed and sworn to before me this
1984, at Bloomington, Ill.

10th day of January

INVESTIGATOR: Wendel E. FROST

WITNESS: H. Burke

Wendel E. Frost

March 8, 1984

I, Howard S. Grest, hereby make the following voluntary statement to Wendel Frost, who has identified himself to me as an Investigator with the U. S. Nuclear Regulatory Commission. I make this statement freely with no threats or promises of reward having been made to me.

I am currently employed by Dornier International Corporation as a lead Inspector QC. I have been employed since December 6, 1982. I have had approximately six years of experience in the nuclear industry.

I recall an incident that occurred on November 30, 1983 that involved Ed Shenlin, DI's Senior Quality Supervisor and Paul Hale, DI's Quality Control Inspector. Shenlin had received allegations for craft concerning Hale's attempt to slow construction on a BB System, safety related piping, by giving only one problem at a time to craft. Hale was also accused of telling craft from the start that he was not going to approve (buy off) the work.

Shenlin had received these allegations on November 29, 1983. Shenlin directed me to bring Hale to his office. Shenlin confronted Hale and got Hale's side of the story. Both men became tense over the issue and Shenlin stated, "I'll have one on my team and no one in my organization that doesn't play ball."

I was surprised at the statement from Shenlin.
When I left the meeting with Shenlin with Hale,
I told Hale that I would document the meeting and
Shenlin's statements in my notes. I have agreed
to furnish the notes I took on November 30, 1983
to the WRC. I do not recall telling Hale that
I felt that Shenlin's statements were intimidating.

60

I have read the foregoing statement consisting of 2 handwritten/typed
pages. I have made and initialed any necessary corrections and have
signed my name in ink in the margin of each page. I swear that the
foregoing statement is true and correct. Signed on 3-8-84 at 2:11 pm
(date) (time)

SIGNATURE: Franklin Sigrist

Subscribed and sworn to before me this 8th day of March, 1984.

at New STRAWN, KANSAS.

INVESTIGATOR: Wanda L. Smith O+RTO

WITNESS: _____

11-30-83

Meeting ED & Paul Hale
his office at 6:00 PM.
re: problem / allegation
from craft that Paul
held them up 4 1/2 hours.
on 11-29-83 (Cowboy)

ED wants Paul's side of story
(F101 had comp SD in)
(line seg. # to SPD for 1)

allegation: held up 4 1/2
hr. said AC said would
not buy shit, said we
told them one problem at
a time.

101 had funky SD for

① Comp joined we wanted
something more specific

② 0° anything dead had to
work up line one test
maybe 15 min.

③ Capt told craft helper went
at the weld every position
as they were found

ED - Every one in his org.
will cooperate to get it
- these welds will not be
held up over

met - pipe problem -
get into line seg #
is sufficient, if the
it is the whole line of
pipe

DATE: March 8, 1984

I, Edward Sheehan, hereby make the following voluntary statement to Walter Frost, who has identified himself to me as an Investigator with the U. S. Nuclear Regulatory Commission. I make this statement freely with no threats or promises of reward having been made to me.

^{we}
^{had} I am presently employed as a Senior Quality Supervisor for Daniel International Corporation. I have been employed at Wolf Creek ^{plant} since September of 1980. I have had approximately six years experience in the nuclear industry.

I recall a meeting that I had with Paul Hale in approximately November of 1983. I had complaints from construction that Hale was holding up the work on a BB system (safety related) by finding problems one at a time. Also, I felt he was wrong about his concerns dealing with material identification on weld records in reference to cross-over pipes.

I called him into my office to discuss the ^{concerns} ~~above~~ ^{of construction} ~~above~~ ^{of construction}. I do not recall if anyone else was present. There were three people who might have

Edward Sheehan

has been there. They were Gary Jones, Quality Supervisor, DI, Howard Sigurd, lead Inspector, DI and John Box, lead Inspector DI.

I discussed the problem with Hale, but I deny making any intimidating statements. I deny saying to Hale, "co-operate with construction" and "I will not have anyone work for me who will not co-operate." I also deny saying "I'll have no one on my team and no one in my organization that doesn't play ball." I would never say this kind of a statement to any QC personnel. I feel that any statement of this type would definitely be intimidating to any Q.C. personnel.

I did not receive any instructions from any of my supervisors to talk to Hale. When Hale left the meeting I felt we had reached a mutual understanding. I deny that either Hale or myself ever lost our tempers.

I have read the foregoing statement consisting of 2 handwritten/typed pages. I have made and initialed any necessary corrections and have signed my name in ink in the margin of each page. I swear that the foregoing statement is true and correct. Signed on 3-8-84 at 4:00pm
(date) (time)

SIGNATURE: Edward M. Skolin

Subscribed and sworn to before me this 8th day of MARCH, 1984

at WCNPS

INVESTIGATOR: Wendell Ford OT

WITNESS: _____

W.C. N.P.S.

DATE: March 9, 1984

I, Edward Shaul, hereby make the following voluntary statement to W.C. N.P.S., who has identified himself to me as an Investigator with the U. S. Nuclear Regulatory Commission. I make this statement freely with no threats or promises of reward having been made to me.

I am presently employed as a Senior Quality Supervisor for Daniel International Corporation. I have been employed at Wolf Creek since September of 1980. I have had approximately six years experience in the nuclear industry.

I gave a signed sworn statement to investigator World First on March 8, 1984 concerning a meeting that occurred approximately in November of 1983 between myself and Paul Hale. After I gave the statement I had a discussion with Howard Sigist, Lead Inspector, DI, who was a witness to the meeting. My memory has been refreshed after talking to Sigist.

I called Hale to my office one complaint from construction that Hale was holding up work on a PB system (safety-related) by finding problems as it came. Also, I felt he was wrong about his concern dealing with material identification on welds in reference to cross-over pipes.

1005 150
I called him into my office to discuss the case
concerning. I have received more detail of the matter.
At first I had also not wanted to talk to him at 3 PM.

Also stated that why should I talk to you, you
will only take time with the case. I didn't
feel that I was being angry I would discuss the
case being just upset. I was not angry, I don't want
these kind of problems every day. The really
didn't go to 30 minutes. After that was that I just

that I was not really angry with his concerns as
that's what we are trying to do. I don't want to
talk. I just tell him and I don't want to

a matter of fact.
I do need making plans and so "There is
no room in the organization for people who can't
work together." I don't want to deal with any
interaction or combination of interaction. I don't want
to feel that I am really poor on things.

² ~~105~~ I now recall that there were only three people at the meeting. The only one there was Harold S. Sigant.

I still deny saying to Hale, "co-operate with construction," and "I will not have anyone work for me who will not co-operate." I also deny saying, "I'll have no one on my team and no one in my organization that doesn't play ball." I still feel that if I had made statement that strong that it would be intimidating to any GIC personnel. I also deny that I became angry at this meeting and that I lost my temper. ~~105~~ ¹⁰⁶

I have read the foregoing statement consisting of 3 handwritten/~~typed~~ pages. I have made and initialed any necessary corrections and have signed my name in ink in the margin of each page. I swear that the foregoing statement is true and correct. Signed on 3-9-84 at 10:17pm
(date) (time)

SIGNATURE: Edward M. Shultz

Subscribed and sworn to before me this 9th day of MARCH, 1984

at WCNPS

INVESTIGATOR: W. J. L. O'R

WITNESS: _____

PLACE: WCNPS
LAKE

DATE: MARCH 8 1984

1. RONNIE McCraney, hereby make the following voluntary statement to Mr. W. E. Frost, who has identified himself to me as an Investigator with the U. S. Nuclear Regulatory Commission. I make this statement freely, with no threats or promises of reward having been made to me.

I am presently employed at the Wolf Creek Nuclear Power Station by Daniel International Corporation as Project Quality Inspection Manager. I have been employed at WCNPS since May of 1982. I have had 10 years of experience in the nuclear industry.

I am aware of a meeting that took place between Ed Shenkin, Senior Quality Supervisor and Paul Hobb, Quality Control Inspector, DI. I do not recall the meeting with any detail as I had no part in it. I did not direct Shenkin to have the meeting and I received no detail brief after the meeting. The concerns of Shenkin were his own and he handled it at his own supervisor level.

I have read the foregoing statement consisting of handwritten/typed pages. I have made and initialed any necessary corrections and have signed my name in ink in the margin of each page. I swear that the foregoing statement is true and correct. Signed on 3-8-84 at 4:46 PM.
(date) (time)

EXHIBIT (6)

R. J. McCraney
(SIGNATURE: TYPED OR PRINTED)

Subscribed and sworn to before me this 8th day of March, 1984,
at WCNPS

INVESTIGATOR: W. E. Frost or
(NAME: TYPED OR PRINTED)

WITNESS:
(NAME & TITLE: TYPED OR PRINTED)