

NATIONAL WHISTLEBLOWER CENTER
517 Florida Avenue, NW
Washington, DC 20001-1850
(202) 667-7515 • Fax (202) 462-4145

February 17, 1995

FREEDOM OF INFORMATION
ACT REQUEST

FOIA-95-81
Rec'd. 2-21-95

Chief, FOIA/LPDR Branch
Division of Freedom of Information
and Publications Services
Office of Administration
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: FOIA Request

Dear Chief:

Pursuant to the Freedom of Information Act ("FOIA"), 5 U.S.C. § 552, et seq., the National Whistleblower Center ("NWC") hereby requests a copy of the following document including all attachments as well as any and all records and information pertaining directly or indirectly to this document:

The Modified Notice of Violation and Proposed Imposition of Civil Penalties-\$200,000 (Vogtle Generating Electric Plant), dated February 13, 1995.

This request also includes but is not limited to notes, letters, memoranda, drafts, minutes, diaries, logs, procedures, instructions, engineering analyses, drawings, files, graphs, charts, maps, photographs, agreements, handwritten notes, studies, data, notebooks, books, telephone messages, computations, interim and/or final reports, status reports, depositions and any and all other records relevant to and/or generated in connection with the above-listed categories of information.

As you are aware, the FOIA requires you to release documents in segregable portions in the event they contain exempt material. For any documents or portions that you deny due to a specific FOIA exemption, please provide an index itemizing and describing the documents or portions of documents withheld.


We also ask that all fees be waived because the information requested will contribute significantly to the public's

understanding of the operations or activities of the government and/or is primarily in the public interest and is not in the commercial interest of the requester. The National Whistleblower Center is a tax-exempt, non-profit organization. The purpose of the NWC is to assist whistleblowers to bring allegations of corporate wrongdoing and/or government corruption to the attention of the public. See, FOIA-91-114. In addition, a similar request for a fee waiver by the NWC was granted by the NRC on January 25, 1993 in response to a FOIA request for information about whistleblower allegations against Houston Lighting & Power Co. See, FOIA-93-44.

The specific allegations of NRC OI Case No. 2-90-020R and other whistleblowing allegations concerning the Georgia Power Company and its operation of the Plant Vogtle nuclear plant have already received widespread attention in the national and Georgia media. In addition, there is great public interest in the NRC's investigation of OI Case No. 2-90-020R. As you also may be aware, last year, in June, 1993, the U.S. Senate Subcommittee on Nuclear Regulation held public hearings regarding allegations related to the substance of OI Case No. 2-90-020R. There is also a licensing proceeding pending regarding allegations related to OI Case No. 2-90-020R. See, In the Matter of Georgia Power Company, et.al., (Vogtle Electric Generating Plant, Units 1 and 2), Dockets Nos. 50-424-OLA-3 & 50-425-OLA-3, ASLBP No. 93-671-01-OLA-3. The NWC intends to disseminate to the public the information received from the NRC pursuant to this request.

We look forward to hearing from you within ten (10) working days as the law stipulates.

Sincerely,


Mary Jane Wilmoth
for the National
Whistleblower Center



~~PRE-DECISIONAL INFORMATION - INTERNAL DISTRIBUTION ONLY~~

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W., SUITE 2900
ATLANTA, GEORGIA 30323-0199

090703:145:

*Foran - I received
this from Skinner
F-4-1 -*

MEMORANDUM FOR: David B. Matthews, Group Chair
Vogtle Coordinating Group

FROM: Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

SUBJECT: VOGTLE COORDINATING GROUP CHARTER FOR ENFORCEMENT PROPOSALS
RE: OI CASE NO. 2-90-020

Consistent with your role in coordinating activities underway throughout the agency related to Vogtle, enclosed for your implementation is a charter for the preparation of an enforcement proposal associated with the OI investigation (Case No. 2-90-020) of alleged wrongdoing by GPC officials with regard to reporting of diesel generator reliability following the March 20, 1990, Site Area emergency at the Vogtle facility. The objectives of your group's efforts are to review the information collected by OI as part of their ongoing investigation and develop, for management consideration, a proposal on what enforcement actions may be appropriate related to the alleged wrongdoing.

The following individuals have been nominated by their respective management to serve under your direction in completing this assignment:

OE: Renee Pederson
Jim Luehman (part time)

RII: Pierce Skinner
Brunc Uryc (part time)

NRR: Darl Hood
Duke Wheeler

OGC: Dick Hoefling (Legal Advisor - Enforcement)
Mitzi Young (Legal Advisor - Hearing)

Your principal points of contact in OI are Dan Murphy (OI-HQ) and Larry Robinson (OI-RII). Jim Partlow, or his designee, will provide senior management oversight and direction.

511

~~PRE-DECISIONAL INFORMATION - INTERNAL DISTRIBUTION ONLY~~

David B. Matthews

- 2 -

If you have any questions regarding these objectives or the enclosed charter, please do not hesitate to contact me or Jim Partlow.

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

Enclosure:
Charter for Enforcement Proposals

cc w/enclosure:

J. Snizek
T. Murley
F. Miraglia
J. Partlow
S. Varga
G. Lainas
B. Grimes
J. Leiberman
L. Chandler
B. Hayes
S. Ebnetter
E. Merschoff
A. Herdt
R. Pederson
J. Luehman
P. Skinner
B. Uryc
D. Hood
D. Wheeler
D. Hoefling
M. Young

David B. Matthews

- 2 -

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Office of Nuclear Reactor Regulation

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Charter for Enforcement Proposals

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E. Merschhoff
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ENCLOSURE

CHARTER FOR VOGTLE ENFORCEMENT PROPOSAL PREPARATION
(OI CASE NO. 2-90-020)

In response to the information briefed by the Office of Investigations (OI) on August 18, 1993, to members of senior NRC staff, the Vogtle Coordinating Group is to complete the following actions:

1. Working with OI, conduct a detailed evaluation of the information and evidence thus far produced by OI's investigation.
2. Based on the review conducted above and the preliminary findings of OI with regard to alleged wrongdoing by GPC officials, make a preliminary determination of whether and, if so, what enforcement action(s) should be formulated in this matter.
3. If there are potential enforcement actions that may be appropriate based on the evidence that OI has produced, develop a recommended course of action for management consideration and prepare a draft enforcement package to support the recommended action.
4. Determine whether the potential enforcement action(s) require consultation with the Commission and, if so, prepare a draft paper to forward the proposed enforcement approach to the Commission.
5. Identify whether and, if so, what additional investigation/field work by OI may be needed to allow a determination as to the appropriateness of a particular enforcement measure or to fully support certain of the proposed enforcement actions.
6. If your preliminary determination is that enforcement is appropriate, prepare the draft enforcement package (Item 3) and Commission paper (Item 4), if needed, for management review by October 22, 1993.
7. In the event that additional OI effort is required (Item 5), you should notify management as soon as such a determination is made in order to revise the above schedule, if warranted, consistent with OI's estimate of the additional effort that may be needed.

FACSIMILE TRANSMITTAL
U. S. NUCLEAR REGULATORY COMMISSION
REGION II
ATLANTA, GEORGIA

ENFORCEMENT AND INVESTIGATION COORDINATION STAFF

TO: J. GRAY

SUBJECT: EA 93-304 et al

☒ OE (301+504-3431)

☐ WF (301+504-2260)

☐ OTHER _____ DATE: _____

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this morning.
B.

NO. OF PAGES 2 + TRANSMITTAL SHEET

FROM: BRUNO URYC, JR.
OFFICE: 404+331-4192
FAX: 404+331-4479

SENT BY: _____ TIME: _____

B/2

Georgia Power Company
Corporate Communication Department
22nd Floor/333 Piedmont Avenue Building
Atlanta, Georgia 30308
(404) 526-6526
FAX (404) 526-2441

To: KEN CLARK

Phone Number: 331-7023


From: DAVE ALTMAN

Phone Number: 526 7475

Number of Pages (including cover sheet): 2

Comments: Our response to the
NRC NOTICE of VIOLATION
Please CALL ME if
you have questions.
Don

This will be given to GPC
Employees AND ALSO USED
IN A response TO PRESS
INQUIRIES.

Georgia Power 

U P D A T E

Georgia Power Company Response to NRC action May 10, 1994

The Nuclear Regulatory Commission has informed the Company of a proposed \$200,000 fine for providing inaccurate and incomplete information to the agency related to a March 1990 incident at Plant Vogtle.

The Company has acknowledged that information initially provided to the NRC was inaccurate. The inaccuracies were discovered by the Company and reported to the NRC.

"Unfortunately, we made some mistakes in collecting and reporting information when this event occurred four years ago," said Allen Franklin, president and CEO of Georgia Power.

"Those mistakes were honest and unintentional. When we discovered them, we reported it ourselves to the NRC. We've always had a policy of providing complete, accurate and clear information to the NRC."

Franklin said that safety has always been a top priority and that "the people of Plant Vogtle have already achieved much success in operating the plant safely."

"We're confident that our employees approached this matter honestly and in good faith," he added.

Franklin said that the Company is looking forward to providing more information to the NRC. "We know this additional information will be considered by the Commission."

Franklin also said that, in any event, if a civil penalty is finally ordered, it will not be paid for by Georgia Power customers.

***** -JOURNAL- ***** DATE 05-10-1994 ***** TIME 09:10AM *****

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D. H. C. D.

SYNOPSIS

On November 1, 1990, the Regional Administrator, U.S. Nuclear Regulatory Commission (NRC), Region II, requested that an investigation be initiated by the NRC Office of Investigations (OI) concerning alleged material false statements made to the NRC by senior officials of Georgia Power Company (GPC) regarding the reliability of the emergency diesel generators (EDGs) at the Vogtle Electric Generating Plant (VEGP), Waynesboro, GA.

The OI investigation substantiated that, on April 9, 1990, the general manager (GM), VEGP, deliberately presented incomplete and inaccurate information to NRC regarding the testing of the VEGP Unit 1 EDGs conducted subsequent to a March 20, 1990, site area emergency (SAE) at VEGP. This occurred at NRC Region II offices, Atlanta, GA, during a GPC oral presentation in support of their request to return VEGP Unit 1 to power operations.

The investigation also substantiated that, on April 9, 1990, in a letter to NRC captioned VOGTLE ELECTRIC GENERATING PLANT CONFIRMATION OF ACTION LETTER, the senior vice president (VP) of Nuclear Operations (Nuc Ops), GPC, presented a misleading, incomplete, and inaccurate statement of diesel test results, which was based upon the incomplete, inaccurate information in the aforementioned oral presentation. The submission of this statement is considered deliberate, because the GM, VEGP, reviewed the statement in this letter and approved it for signature by the senior VP.

Hamilton
Hamilton
McGowan
Shipman
B. Scheld
The investigation substantiated that, on April 19, 1990, the senior VP, Nuc Ops, GPC, with, at a minimum of careless disregard, submitted a false statement of diesel test results to the NRC in Licensee Event Report (LER) No. 90-006, which pertained to the SAE. This false statement was submitted as a direct result of deliberate actions, on April 19, 1990, by a group of GPC senior managers, including the senior VP, Nuc Ops, the Vogtle Project VP, the Corporate GM of Plant Support, and the VEGP GM. These senior managers reworded an existing statement of diesel testing in a draft LER, after the GM of Plant Support had been told by VEGP site personnel that this draft LER statement and the corresponding statement in the April 9 letter (upon which the draft LER statement was based) were false. However, the GPC senior management efforts to make the rewording similar to the April 9 statement, combined with their knowledge that the new statement could not have been definitively verified prior to the issuance of the LER, resulted in the reworded statement being false.

Hamilton
The OI investigation substantiated that the senior VP, Nuc Ops, GPC, again, with, at a minimum, careless disregard, submitted a false statement to NRC in the letter of transmittal of a revision to LER 90-006, dated June 29, 1990. This false statement pertained to the reasons for the difference in the GPC statement of diesel testing in the original LER 90-006 versus the statement of diesel starts in the transmittal letter of the revision.

McGowan
McGowan
The investigation substantiated that the VP, Vogtle Project, GPC, with, at a minimum of careless disregard, submitted both a false and a misleading statement in the GPC clarification of Confirmation of Action response letter to NRC dated August 30, 1990. These false and misleading statements pertained

to the reasons why the statement of diesel testing in the GPC Confirmation of Action response letter, dated April 9, 1990, was inaccurate.

3-10-91
The OI investigation substantiated that VEGP GM had knowledge, at the time of his oral presentation to NRC on April 9, 1990, that there continued to be out of tolerance dewpoint readings on the control air of the VEGP Unit 2 EDGs as recently as the day before his presentation. In addition, he knew that GPC, as part of the justification for restart of Unit 1, was claiming that EDG air quality was satisfactory, and that GPC was attributing bad dewpoint readings to faulty instrumentation. The VEGP GM deliberately withheld, from NRC, his knowledge of the relevant material information regarding bad dewpoint readings on Unit 2, and permitted the GPC claims of satisfactory air quality and faulty instrumentation to be issued in the GPC April 9, 1990, letter of response to the NRC Confirmation of Action.

3-10-91
3-10-91
The OI investigation substantiated that the GPC executive VP for Nuc Ops, as the sworn signatory of the GPC response to 2.203, dated April 1, 1991, provided inaccurate information to NRC when the response stated that the GPC senior VP, Nuc Ops, was not a participant in the late afternoon conference call on April 19, 1990, in which the wording of LER 90-006 was revised by corporate and site representatives. The audio tape of that conference call establishes that the senior VP, Nuc Ops, was not only a participant in a portion of that call, but that he addressed the issue of EDG starts and "trips." There was insufficient evidence developed during the investigation to substantiate that the GPC executive VP for Nuc Ops, knowingly and deliberately provided this inaccurate information to the NRC.

It is also concluded from the combination of the above findings, and the overall review, by OI, NRC, of the numerous audio tape recordings of internal GPC conversations regarding their communications with the NRC on a range of issues, that, at least in the March-August 1990 time frame, there was evidence of a closed, deceptive, adversarial attitude toward NRC on the part of GPC senior management. This attitude fostered a noticeable degree of frustration on the part of various GPC Technical Support and Engineering personnel with respect to the GPC provision of information, not known to NRC, that had the potential of resulting in NRC enforcement action.

TAPE TRANSCRIPT EXCERPTS RELATED TO ISSUES AT
VOGTLE ELECTRIC GENERATING PLANT

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INVESTIGATIONS
REGION II

6/4

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STATEMENTS PERTINENT TO BAILEY

155 19900608 EDG AUFDENKAMPE 43 8 EXPLAINED TO BAILEY LANGUAGE & BASES FOR CHANGE IN EDG STARTS IN LER REV 1. TOLD BAILEY BIRMINGHAM HAD THE APPROVED LER REV FOR AT LEAST TWO WEEKS. TOLD BAILEY HE WANTS TO CORRECT THE COAR IN THE COVER LTR. TO LER REV. [BAILEY ON PHONE, MOSBAUGH].

167 19900615 EDG MOSELY 71 4 TOLD MOSBAUGH THAT BAILEY CALLED, LOOKING FOR BOCKHOLD, AND HAD ASKED HIM [MOSLEY] ABOUT VALID FAILURES.

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

STATEMENTS PERTINENT TO BOCKHOLD

41 19900411 EDG BOCKHOLD 8 4 DISCUSSES NRC GIVING OK TO GO TO MODE 3. [TO LACKEY, MOSBAUGH]

41 19900411 EDG LACKEY 8 22 TALKS ABOUT GOING TO MODE 3 24 HOURS AFTER MODE 4. [TO BOCKHOLD, MOSBAUGH]

41 19900411 EDG BOCKHOLD 40 4 TALKS ABOUT NOT LOSING ANY TIME GETTING BACK TO MODE 1, PER PROJECTION. [TO PARTON, HORTON, MOSBAUGH].

41 19900411 EDG BOCKHOLD 43 5 COMMENTS ABOUT NOT DOING GOOD PM'S ON CHECKING AIR DRYER QUALITY FROM 5/88 TO 5/89. [TO KOCHERI, MOSBAUGH]. WOULD THAT FACT AFFECT "THE STATEMENT WE MADE IN OUR LETTER?"

41 19900411 EDG BOCKHOLD 44 7 TALKS ABOUT PM PROGRAM BEING "SUSPECT" IN '89. SAID WE DON'T KNOW IF WE HAD GOOD AIR OR BAD AIR. [TO KOCHERI, MOSBAUGH].

41 19900411 EDG BOCKHOLD 46 9 TALKED ABOUT FSAR REQUIREMENTS AND SOMETIMES NOT BEING ABLE TO MEET THEM. CONCERNED ABOUT HAIRSTON LETTER [COAR RESPONSE 4/9]. STATEMENTS ABOUT AIR QUALITY STILL BEING "VALID." [TO KOCHERI, MOSBAUGH].

41 19900411 EDG BOCKHOLD 50 16 "...ON THE 29TH [MAR 90] OR SO, WE GOT A CRUMMY READING AND NOBODY KNEW ABOUT IT UNTIL MILT HUNT PICKED IT UP." [TO BURMEISTER, MOSBAUGH, STOKES].

41 19900411 EDG MOSBAUGH 50 21 "GEORGE [BOCKHOLD], WE HAD A BAD READING [DEW POINT/AIR QUALITY] TODAY [4/11/90] 60 DEGREES ON THE 2A DIESEL."

41 19900411 EDG HORTON 51 4 "HAVEN'T WE GOT ANY GOOD READINGS?" [RE: EDG DEW POINT/ TO BOCKHOLD].

41 19900411 EDG BOCKHOLD 51 6 "NOT ON 2A, 2B." [RESPONDING TO HORTON WHO ASKED IF THERE HAD BEEN ANY GOOD DEW POINT READINGS].

41 19900411 EDG BOCKHOLD 51 11 "ACTUALLY, I HEARD ABOUT IT JUST BEFORE THE MEETING WITH THE NRC." [TO HORTON, KOCHERI, MOSBAUGH, BURMEISTER RE:BAD DEW POINT READING].

41 19900411 EDG KOCHERI 52 5 TOLD BOCKHOLD THAT "THEY" STILL RUN THE DIESEL COMPRESSOR EVEN WITH THE AIR DRYERS OUT OF SERVICE.

41 19900411 EDG BOCKHOLD 52 6 "I'LL WRITE A NOTE TO SKIP KITCHENS ON THIS THING." [ACKNOWLEDGES KOCHERI'S NOTIFICATION ABOUT RUNNING COMPRESSORS WITH AIR DRYERS OUT OF SERVICE].

42 19900411 EDG MOSBAUGH 2 16 TO BURWINKLE ABOUT BOCKHOLD CONCLUDING NO AIR QUALITY PROBLEM BECAUSE OF NO CORROSION IN TANK AND NOTHING ON THE FILTER. NOT A COMPREHENSIVE EVALUATION.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG BOCKHOLD 9 6 TOLD MCCOY THAT EDG START COUNT NUMBERS IN 4/9 PRESENTATION BEGAN AFTER COMP. TEST PROGRAM. [EITHER DOESN'T KNOW OR IS B.S. ING MCCOY].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 EDG CASH 35 19 STATED NOT SURE IF HE TOLD BOCKHOLD ABOUT FAILURES IN EDG COUNT FOR NRC PRESENTATION. SAID BOCKHOLD KNEW ABOUT FAILURES. [TO MOSBAUGH, AUFDENKAMPE].

75 19900430 EDG MOSBAUGH 35 2 "I COMPLETED MY REVIEW. I FINALLY SORTED OUT ALL THE STARTS, I THINK." [TO TYNAN] [MOSBAUGH GIVING THIS DATA TO BOCKHOLD].

76 19900430 EDG BOCKHOLD 30 18 "THEN WE HAVE TO OBVIOUSLY REVISE THE LER." [TO MOSBAUGH AFTER MOSBAUGH POINTED OUT START PROBLEMS ON HIS COMP. LIST].

76 19900430 EDG BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

95 19900504 EDG MOSBAUGH 43 19 "WELL, BASED ON THE WYLIE TESTING AND THE DEBRIS FOUND IN THE SWITCH, THEY [NRC] STARTED USING THE WORD OPERABILITY." [TO BOCKHOLD ABOUT NRC [BROCKMAN, CHAFEE] AWARENESS OF DEBRIS IN CALCON SWITCH].

95 19900504 EDG BOCKHOLD 46 7 TALKED ABOUT LETTER TO NRC RE S.A.E. AND SAID SOME MINOR ITEMS ARE "NOT THE NRC'S BUSINESS." [TO MOSBAUGH AND OTHER VEGP MANAGERS].

95 19900504 EDG BOCKHOLD 55 21 "NOW I HEARD JOHN GIVE ME SOME SONG AND DANCE THAT WE'D LIKE TO KEEP 'WILL BE REVISED BY' SO WE DON'T MAKE MATERIAL FALSE STATEMENTS AND CHANGE THE WORDS AFTER THE FACT." [MOSBAUGH & VEGP MGRS ABOUT DRAFTING 5/14/90 LTR TO NRC RE COR. ACTIONS ON S.A.E.].

101 19900508 EDG BOCKHOLD 1 15 "IS THERE SOMETHING BESIDES I'M SCREWING UP AND STARTING THE WRONG DIESEL...?" [TO MOSBAUGH AFTER MOSBAUGH NOTIFIED HIM ABOUT THE MISTAKEN START OF THE A DIESEL].

101 19900508 EDG BOCKHOLD 2 24 "I WOULD DO NOTHING WITH IT EXCEPT FOR YOUR HAVING THE PEOPLE LOOK AT THE LER CORRECTION." [TO MOSBAUGH RE MISTAKEN START OF A DIESEL].

159 19900611 EDG SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSBAUGH RE REV TO LER].

160 19900612 EDG WEBB 5 18 "GEORGE [BOCKHOLD] DID. HE SAID HE WANTED NEW -- NEW INFO." [BOCKHOLD INSTRUCTED WEBB TO USE THE VALID START TERMINOLOGY IN THE LER REV] [TO MOSBAUGH].

167 19900615 EDG MOSELY 71 4 TOLD MOSBAUGH THAT BAILEY CALLED, LOOKING FOR BOCKHOLD, AND HAD ASKED HIM [MOSLEY] ABOUT VALID FAILURES.

184 19900830 EDG HORTON 7 23 "WE CAUSED THAT TRIP. IT WOULDN'T HAVE TRIPPED ON BLACK TUESDAY. I'LL LET GEORGE [BOCKHOLD] CALL THAT ONE."

184 19900830 EDG HORTON 15 22 "IT WAS AN UNPLANNED TRIP. I WOULD LIKE TO CALL IT AN UNPLANNED TRIP, HOWEVER, DECLARE IT A SUCCESS." [TO AUFDENKAMPE, MOSBAUGH, BOCKHOLD].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 EDG BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 EDG HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 EDG AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 EDG BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

184 19900830 EDG GREENE 30 21 "IT'S EXPLAINED IN DETAIL IN THE PAPER...IT ISN'T A CASE OF TAKE IT OUT OF HERE AND IT'S LOST. [TO HORTON, AUFDENKAMPE, MOSBAUGH, BOCKHOLD RE TAKING OUT EXPLANATORY PHRASE IN COVER LETTER ABOUT MORE STARTS THAN REPORTED].

184 19900830 EDG BOCKHOLD 32 5 "WHY, IF IT AIN'T IN THE TABLE, WHY FLAG IT IN THE PORTION OF THE LETTER?" [TO GREENE, HORTON, AUFDENKAMPE, MOSBAUGH].

184 19900830 EDG HORTON 33 9 HORTON HAS A PROBLEM WITH USING THE WORDS "APPEAR TO BE THE RESULT OF" WHEN REFERRING TO THE ERRORS IN THE 4/9 LETTER & ORIGINAL LER. HE THINKS IT SHOULD BE "WERE THE RESULT OF." [TO BOCKHOLD, GREENE, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 EDG BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

204 19900713 EDG 7/11 OSOS 2 23 TOLD BOCKHOLD ABOUT 2A EDG STILL BEING INOP. PROBLEM IS CLEARANCES ON AIR START PILOT VALVES AND OIL IN AIR START PILOT VALVE LINES.

204 19900713 EDG HORTON 16 6 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

205 19900713 EDG KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE.

205 19900713 EDG MOSBAUGH 20 9 TALKED ABOUT SCOTT HARGIS RECALLING THE AIR ROLL PROBLEM ON THE UNIT 1 EDG ALSO. [TO FREDERICKS, KITCHENS, BOCKHOLD].

246 19900813 EDG BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

253 19900815 EDG BOCKHOLD 15 2 DESCRIBES HIS RECOLLECTION OF THE SEQUENCE OF EVENTS RE EDG PRESENTATION TO NRC ON 4/9, AND HOW 4/9 COAR RESPONSE WAS CREATED. [FULL DISCUSSION ABOUT 4/19 LER CONFERENCE CALL INCLUDED THROUGH PAGE 19].

258 19900817 EDG WILLIAMS 8 15 "AND THEN LAST NIGHT [8/16/90] THE 1B DIESEL GENERATOR AUTO-STARTED FOR NO APPARENT REASON." [TO BOCKHOLD, A.M., AT MORNING STATUS MEETING ON LAST DAY OF NRC SPECIAL INSPECTION.]

258 19900817 EDG BOCKHOLD 24 17 "...ALLEN CAME TO ME AND SAID, 'HEY, THE INFORMATION [4/9 EDG START INFO] IS WRONG' AND I TOLD ALLEN TO GET THE STAFF TO FIX IT." [TO FREDERICKS, WHO QUESTIONED IF ANYONE HAD ANY CONTENTION ABOUT THE CORRECTNESS OF THE 4/9 DATA.]

258 19900817 EDG MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 EDG FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

258 19900817 EDG BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES, BUT...[HE] BELIEVES IT WASN'T AN INTENTIONAL MISTAKE..." [TO MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES VS. ACTUAL SITUATION.]

260 19900817 EDG AUFDENKAMPE 8 3 TALKS ABOUT BOCKHOLD HAVING SIGNED OFF ON THE COVER LETTER TO REV 1 OF THE LER [6/29] IN MID MAY. [TO MOSBAUGH, CHESTNUT] [CHESTNUT IS TAKING J.G.A.'S PLACE AS TECHNICAL MANAGER.]

266 19900829 EDG BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO A.M., GREENE, HORTON]

269 19900830 EDG AUFDENKAMPE 1 25 TALKS ABOUT BOCKHOLD "GUIDING" THE PRB ABOUT THE WORDING AND CONTENT OF THE LETTER THAT SUPPOSEDLY CORRECTED THE "INCORRECT" EDG START DATA GIVEN TO NRC IN APRIL. [TO MOSBAUGH.]

STATEMENTS PERTINENT TO BURR

41 19900411 EDG BEACHER 74 11 COMMENTED TO MOSBAUGH AND AUFDENKAMPE ABOUT TELECOPYING AN APPARENTLY INCOMPLETE DEW POINT MEASUREMENT HISTORY FOR PAST YEAR TO CHAFFEE (NRC), BROCKMAN (NRC), LOUIS WARD, & KEN BURR.

76 19900430 EDG BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

STATEMENTS PERTAINING TO CASH

10 19900323 EDG 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FRED^WRICKS, HOLMES, KOCHERI, COURSEY, CASH, AND BRINEY.

10 19900323 EDG FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERI, COURSEY, CASH, AND BRINE (CRITIQUE TEAM MEETING)].

10 19900323 EDG COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 EDG CASH 14 20 "THEY DIDN'T RESET ANYTHING ON THE LOCAL CONTROL PANEL. BOTH OF THE ALARMS CAME IN." [CASH PERSONALLY FAMILIAR WITH 03-23-90 TRIP].

10 19900323 EDG CASH 15 1 COMMENT SHOWS CASH'S PERSONAL KNOWLEDGE OF 03-23-90 1B DIESEL TRIP.

10 19900323 EDG CASH 16 9 "I LEFT THE HIGH TEMPERATURE OUT, AND THE TRIP FOR TWO DIFFERENT PRESSURES (IN AUDIBLE) IT'S A ONE OUT OF ONE ON TRIP, CORRECT." [TO FREDERICKS, KOCHERI, BRINEY, RE: 03-23-90 1B DIESEL TRIP].

10 19900323 EDG COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERI, BRINEY, HOLMES, MOSBAUGH].

10 19900323 EDG COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERI, CASH, HOLMES, BRINEY].

10 19900323 EDG CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERI, HOLMES, COURSEY.]

10 19900323 EDG FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES, POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERI, HOLMES, COURSEY, CASH.]

10 19900323 EDG BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG KOCHERI 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH, BRIKEY, COURSEY, HOLMES.]

10 19900323 EDG CASH 23 13 "...YOU GOT TWO ALARMS. ONE IS HIGH LUBE OIL OUT, HIGH LUBE OIL TEMP. OUT, IT'S 190 DEGREES." [TO BRINEY, KOCHERI, FREDERICKS, MOSBAUGH]

10 19900323 EDG BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG HOLMES 28 19 SAID THE JACKET WATER TEMP. SENSORS (CALCON SWITCHES) HAD TO BE RECALIBRATED EVERY TIME. [TO CASH AND VEG1 CRITIQUE TEAM] [REITEFATES ON P.31, LN 12]

10 19900323 E.G HOLMES 33 11 SAID NOTHING HAS BEEN DONE TO CORRECT CALCON CALIBRATION PROBLEM. "JUST BEEN LIVING WITH IT." [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 EDG COURSEY 41 11 "...WHAT HE'S GOT TO CALIBRATE IS A PIECE OF GARBAGE [CALCON SWITCHES], AND HE KNOWS THEY'RE ALL GOING TO BLOW." ["HE" COULD BE BRINEY OR VENDOR REP, SHELDON] [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 EDG BRINEY 46 15 "TOO MANY PEOPLE IN THE BOAT..." [TO CASH AND VEGP CRITIQUE TEAM] CONFLICT BETWEEN DIRECTION FROM CRITIQUE TEAM AND OUTAGE MANAGEMENT.

57 19900419 EDG SWARTZWELDER 115 25 TALKED ABOUT HAIRSTON NEEDING TO TALK TO OPERATORS WHO RESET ANNUNCIATORS ON DIESEL IN SITE AREA EMERGENCY. IS CONCERNED ABOUT SPECIFICALLY LETTING THESE OPERATORS KNOW THAT HAIRSTON WILL NOT YELL AT THEM. [TO CASH, MOSBAUGH].

58 19900419 EDG CASH 35 19 STATED NOT SURE IF HE TOLD BOCKHOLD ABOUT FAILURES IN EDG COUNT FOR NRC PRESENTATION. SAID BOCKHOLD KNEW ABOUT FAILURES. [TO MOSBAUGH, AUFDENKAMPE].

58 19900419 EDG CASH 36 3 STATED HE STARTED EDG START COUNT ON 3/20, THE THREE MAINTENANCE STARTS ON NIGHT OF 3/20. [TO: MOSBAUGH, AUFDENKAMPE].

58 19900419 EDG AUFDENKAMPE 36 23 "WE DIDN'T COUNT THE FAILURE, THOUGH." [RE MOSBAUGH'S QUESTION TO CASH ABOUT START FAILURES SINCE 3/20] [AUFDENKAMPE IS REMINDING MOSBAUGH THAT THEY'RE STARTING THE COUNTS IN THE LER AS OF THE END OF THE COMPREHENSIVE TESTING].

75 19900430 EDG CASH 56 10 INVOLVED WITH VERIFICATION OF MOSBAUGH'S COMPREHENSIVE LIST OF EDG STARTS. [MOSBAUGH].

76 19900430 EDG MOSBAUGH 2 8 TALKED ABOUT REVIEWING HIS COMP. LIST OF EDG STARTS WITH KITCHENS, CASH, SWARTZWELDER ON 4/30. [MOYE, HORTON].

76 19900430 EDG AUFDENKAMPE 9 2 "JIMMY PAUL CASH SAID HE HAD RESEARCHED THE OPERATOR LOGS TO DETERMINE HOW MANY STARTS THERE WERE WITHOUT PROBLEMS..." [MOSBAUGH].

76 19900430 EDG BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

184 19900830 EDG BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 EDG BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

246 19900813 EDG BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSIDE. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, MOSBAUGH, AND OTHER VEGP MANAGERS.]

STATEMENTS PERTINENT TO FREDERICKS

9 19900323 EDG FREDERICKS 4 17 COMMENTED THAT HE BELIEVED THAT IF THE DIESEL WAS AN AIRPLANE, GEORGE WOULD NOT GO UP IN IT.

10 19900323 EDG 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FREDERICKS, HOLMES, KOCHERI, COURSEY, CASH, AND BRINEY.

10 19900323 EDG FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERI, COURSEY, CASH, AND BRINEY (CRITIQUE TEAM MEETING)].

10 19900323 EDG COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 EDG CASH 16 9 "I LEFT THE HIGH TEMPERATURE OUT, AND THE TRIP FOR TWO DIFFERENT PRESSURES (IN AUDIBLE) IT'S A ONE OUT OF ONE ON TRIP, CORRECT." [TO FREDERICKS, KOCHERI, BRINEY, RE: 03-23-90 1B DIESEL TRIP].

10 19900323 EDG COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERI, BRINEY, HOLMES, MOSBAUGH].

10 19900323 EDG COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERI, CASH, HOLMES, BRINEY].

10 19900323 EDG CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERI, HOLMES, COURSEY.]

10 19900323 EDG FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES, POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERI, HOLMES, COURSEY, CASH.]

10 19900323 EDG BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG KOCHERI 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH, BRINEY, COURSEY, HOLMES.]

10 19900323 EDG CASH 23 13 "...YOU GOT TWO ALARMS. ONE IS HIGH LUBE OIL OUT, HIGH LUBE OIL TEMP. OUT, IT'S 190 DEGREES." [TO BRINEY, KOCHERI, FREDERICKS, MOSBAUGH]

10 19900323 EDG BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

57 19900419 EDG KITCHENS 53 10 "GEORGE [FREDERICKS] POINTED OUT THERE WAS A FAILURE OF ONE OF THE B DIESELS RIGHT AFTER THE MAINTENANCE WORKED ON IT." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 EDG KITCHENS 63 16 "IT WASN'T OPERABLE [B DIESEL] SO WE DON'T WANT TO MAKE A STATEMENT WITH NO FAILURES AND NO PROBLEMS." [TO PRB, MOSBAUGH, FREDERICKS].

98 19900508 EDG SWARTZWELDER 60 5 TALKED ABOUT REV 1 TO 4/19/90 LER IN PRB. [TO MOSBAUGH, AUFDENKAMPE, FREDERICKS].

159 19900611 EDG FREDERICKS 7 11 "SHOULDN'T TAKE MORE THAN A COUPLE OF DAYS. I WAS GIVEN THE GUIDELINES THAT IT HAD TO BE DONE BEFORE THE LER WOULD BE SIGNED." [TO MOSBAUGH].

160 19900612 EDG FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG STARTS].

160 19900612 EDG FREDERICKS 24 10 "I'M SUPPOSED TO NOT ONLY COME UP WITH A NUMBER; I'M SUPPOSED TO COME UP WITH WHY THE DISCREPANCY EXISTS." [TO MOSBAUGH RE EDG START COUNT].

160 19900612 EDG FREDERICKS 24 25 "HOW COULD THEY [CORPORATE] HAVE REVVED THE NUMBERS? THEY DON'T HAVE THE NUMBERS." [TO MOSBAUGH].

160 19900612 EDG FREDERICKS 25 4 "SOMEBODY CHANGED IT TO SAY 'VALID' STARTS." [TO MOSBAUGH RE LER REV].

160 19900612 EDG HORTON 30 1 "WELL, THE CONSISTENCY IS DOWN THE TUBE BECAUSE THE FIRST LER THAT WENT OUT IS INCORRECT." [TO AJLUNI, FREDERICKS, MOSBAUGH].

160 19900612 EDG AJLUNI 33 6 TALKED TO HORTON AND FREDERICKS ABOUT THE CHANGES IN EDG START INFO FROM COAR TO LER TO REV1 OF LER.

167 19900615 EDG MOSELY 67 14 "I'VE TABULATED THE DATA, BUT...HAVEN'T...DONE ANY COUNTING IN TERMS OF VALID FAILURES, VALID STARTS..." [TO MOSBAUGH] [MOSELY IS QA WHO OBTAINED EDG START DATA FOR FREDERICKS IN AUDIT FOR REV TO LER].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

186 19900629 EDG FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 40 25 "...AND WHEN IT [COAR] SAYS 'NO PROBLEMS OR FAILURES DURING ANY OF THESE STARTS' THAT BURNS YOU UP." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 42 22 "...WHAT THEN THEY'RE [CORPORATE] GOING TO DO IS SAY A MORE ACCURATE MEASURE OF THE RELIABILITY WAS THE VALID..." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 EDG FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE...I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 EDG HORTON 20 12 "WELL, WHAT WAS WRONG WITH OUR DIESEL START RECORD KEEPING PRACTICES?" [TO FREDERICKS, MOSBAUGH, RE WHETHER PRACTICES WERE CAUSE OF FALSE DATA GIVEN TO NRC 4/9].

187 19900629 EDG FREDERICKS 26 23 "THE SHIFT SUPERVISOR'S LOG IS NOT AN ACCURATE RECORD OF WHAT HAPPENED." [TO MOSBAUGH, HORTON].

187 19900629 EDG MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9 LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

204 19900713 EDG HORTON 16 5 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

205 19900713 EDG KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE.

205 19900713 EDG MOSBAUGH 20 9 TALKED ABOUT SCOTT HARGIS RECALLING THE AIR ROLL PROBLEM ON THE UNIT 1 EDG ALSO. [TO FREDERICKS, KITCHENS, BOCKHOLD].

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

246 19900813 EDG BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

258 19900817 EDG BOCKHOLD 24 17 "...ALLEN CAME TO ME AND SAID, 'HEY, THE INFORMATION [4/9 EDG START INFO] IS WRONG' AND I TOLD ALLEN TO GET THE STAFF TO FIX IT." [TO FREDERICKS, WHO QUESTIONED IF ANYONE HAD ANY CONTENTION ABOUT THE CORRECTNESS OF THE 4/9 DATA.]

258 19900817 EDG MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 EDG FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

258 19900817 EDG BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES, BUT...[HE] BELIEVES IT WASN'T AN INTENTIONAL MISTAKE..." [TO MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES VS. ACTUAL SITUATION.]

267 19900829 EDG STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, A.M.]

STATEMENTS PERTINENT TO GREENE

99 19900508 EDG MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 EDG MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

99 19900508 EDG MANSFIELD 53 4 "...YOUR DEPARTMENT [OPS] IS PART OF THIS CLIQUE. [MEANING THE CLIQUE HE IS AFRAID TO TELL ABOUT VEGP'S ATTITUDE ABOUT KEEPING THE PLANT RUNNING.] [TO GREENE].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 EDG BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 EDG HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 EDG AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 EDG BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

184 19900830 EDG GREENE 30 21 "IT'S EXPLAINED IN DETAIL IN THE PAPER...IT ISN'T A CASE OF TAKE IT OUT OF HERE AND IT'S LOST. [TO HORTON, AUFDENKAMPE, MOSBAUGH, BOCKHOLD RE TAKING OUT EXPLANATORY PHRASE IN COVER LETTER ABOUT MORE STARTS THAN REPORTED].

184 19900830 EDG BOCKHOLD 32 5 "WHY, IF IT AIN'T IN THE TABLE, WHY FLAG IT IN THE PORTION OF THE LETTER?" [TO GREENE, HORTON, AUFDENKAMPE, MOSBAUGH].

184 19900830 EDG HORTON 33 9 HORTON HAS A PROBLEM WITH USING THE WORDS "APPEAR TO BE THE RESULT OF" WHEN REFERRING TO THE ERRORS IN THE 4/9 LETTER & ORIGINAL LER. HE THINKS IT SHOULD BE "WERE THE RESULT OF." [TO BOCKHOLD, GREENE, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 EDG BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG GREENE 52 6 "LET THE PRB MINUTFS REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

187 19900629 EDG MOSBAUGH 42 9 PUTS GREENE ON NOTICE THAT ATTRIBUTING THE ERROR IN EDG STARTS TO POOR RECORD PRACTICES/END OF TEST PROGRAM IS NOT TRUE.

187 19900629 EDG MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACCORDING TO GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

187 19900629 EDG GREENE 56 8 GREENE SUGGESTED TO MAJORS TO USE THE WORD "DIFFERENCE" V. "DISCREPANCY" IN LER REV COVER LETTER BECAUSE "DISCREPANCY" MEANT ADMITTING A MISTAKE. MAJORS LIKED THE IDEA.

187 19900629 EDG MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9 LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

187 19900629 EDG GREENE 66 15 TRIED TO TALK MOSBAUGH ABOUT EDG AIR RECEIVER VALVES STICKING.

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, HAIRSTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

246 19900813 EDG BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

266 19900829 EDG BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO A.M., GREENE, HORTON]

STATEMENTS PERTINENT TO HAIRSTON

41 19900411 EDG BOCKHOLD 46 9 TALKED ABOUT FSAR REQUIREMENTS AND SOMETIMES NOT BEING ABLE TO MEET THEM. CONCERNED ABOUT HAIRSTON LETTER [COAR RESPONSE 4/9]. STATEMENTS ABOUT AIR QUALITY STILL BEING "VALID." [TO KOCHERI, MOSBAUGH].

57 19900419 EDG STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. JGA SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 EDG MOSBAUGH 97 4 ASKED AUFDENKAMPE IF HE HAD HAIRSTON'S COAR LETTER, "BECAUSE THAT'S THE ONE..." - AUFDENKAMPE INTERRUPTED SAYING "WHERE THEY LIED...I MEAN THEY..." MOSBAUGH FINISHED THE THOUGHT BY SAYING, "...MADE THAT STATEMENT [NO FAILURES OR PROBLEMS] PREVIOUSLY."

57 19900419 EDG SHIPMAN 100 23 [TO MOSBAUGH] TRYING TO GET "ALL THE HAIRSTON QUESTIONS ANSWERED." WHAT OPERATORS DID BEFORE TRYING TO RESTART THE DIESEL.

57 19900419 EDG SHIPMAN 103 25 TOLD MOSBAUGH HE HAD NO PROBLEM WITH THE WAY THE OPERATOR ACTION WAS DESCRIBED IN THE PROPOSED LER [IMMEDIATELY RESET ANNUNCIATORS], BUT THAT HAIRSTON HAD A PROBLEM WITH IT.

57 19900419 EDG SHIPMAN 104 8 "OTHER QUESTION WE'VE BEEN TRYING TO GET AN ANSWER TO IS TO REASSURE GEORGE [HAIRSTON] THAT WE HAD MORE THAN 20 VALID STARTS SINCE MARCH THE 20TH, LIKE WE SAY IN THE LER." [TO MOSBAUGH] MOSBAUGH TOLD SHIPMAN THERE'S A PROBLEM WITH THE WAY THAT'S STATED.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

57 19900419 EDG SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

57 19900419 EDG SWARTZWELDER 115 25 TALKED ABOUT HAIRSTON NEEDING TO TALK TO OPERATORS WHO RESET ANNUNCIATORS ON DIESEL IN SITE AREA EMERGENCY. IS CONCERNED ABOUT SPECIFICALLY LETTING THESE OPERATORS KNOW THAT HAIRSTON WILL NOT YELL AT THEM. [TO CASH, MOSBAUGH].

58 19900419 EDG HAIRSTON 2 4 PUT WORDS IN EQUIPMENT OPERATOR'S MOUTH ABOUT CHECKING GAGES ON DIESEL BEFORE PUSHING RE-START BUTTON. [DELOACH, MOSBAUGH, SWARTZWELDER].

58 19900419 EDG HAIRSTON 5 16 DISCUSSED WORDING OF LER. [MOSBAUGH, SWARTZWELDER, DELOACH].

58 19900419 EDG SHIPMAN 10 8 STATED HIS AWARENESS OF HAIRSTON PERSONALLY INTERVIEWING EQUIP. OPERATORS THAT RE-STARTED EDG AT SITE AREA EMERGENCY.

58 19900419 EDG SHIPMAN 11 2 SUSPECTED HAIRSTON OF "LEADING" THE EDG EQUIP. OPERATOR INTO SAYING WHAT HAIRSTON WANTED HIM TO SAY.

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER] "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, McDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

159 19900611 EDG AUFDENKAMPE 5 17 "HAIRSTON WON'T SIGN OUT THE LER." [WEBB, MOSBAUGH] [RE REV 1, LER THAT WAS PRB APPROVED AND SENT TO BIRMINGHAM IN MID-MAY].

160 19900612 EDG FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG STARTS].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 EDG BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 EDG BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

187 19900629 EDG WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 62 4 TO MOSBAUGH ABOUT HAIRSTON CONSCIOUSLY THINKING THAT THE NRC MIGHT INTERPRET THE "CORRECTION" COVER LETTER AS NOT ADDRESSING THE 4/9 COAR.

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

STATEMENTS PERTINENT TO KITCHENS

41 19900411 EDG BOCKHOLD 52 6 "I'LL WRITE A NOTE TO SKIP KITCHENS ON THIS THING." [ACKNOWLEDGES KOCHERI'S NOTIFICATION ABOUT RUNNING COMPRESSORS WITH AIR DRYERS OUT OF SERVICE].

57 19900419 EDG KITCHENS 63 10 "GEORGE [FREDERICKS] POINTED OUT THERE WAS A FAILURE OF ONE OF THE B DIESELS RIGHT AFTER THE MAINTENANCE WORKED ON IT." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 EDG KITCHENS 63 16 "IT WASN'T OPERABLE [B DIESEL] SO WE DON'T WANT TO MAKE A STATEMENT WITH NO FAILURES AND NO PROBLEMS." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 EDG KITCHENS 63 21 "...STARTED MORE THAN 20 TIMES EACH...WHATEVER NUMBER...MAKE SURE IT'S NOT A FALSE STATEMENT." [TO PRB RE:LER]

75 19900430 EDG MOSBAUGH 47 17 SHOWED KITCHENS THE COMPREHENSIVE LIST OF EDG STARTS AND POINTED OUT FAILURES. [TO KITCHENS].

75 19900430 EDG SWARTZWELDER 53 12 A CONVERSATION WITH MOSBAUGH ABOUT "PROBLEMS" IN MOSBAUGH'S COMPREHENSIVE EDG START LIST. [TO MOSBAUGH, KITCHENS].

76 19900430 EDG MOSBAUGH 2 8 TALKED ABOUT REVIEWING HIS COMP. LIST OF EDG STARTS WITH KITCHENS, CASH, SWARTZWELDER ON 4/30. [MOYE, HORTON].

205 19900713 EDG KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE

205 19900713 EDG MOSBAUGH 20 9 TALKED ABOUT SCOTT HARGIS RECALLING THE AIR ROLL PROBLEM ON THE UNIT 1 EDG ALSO. [TO FREDERICKS, KITCHENS, BOCKHOLD].

STATEMENTS PERTINENT TO MAJORS

186 19900629 EDG FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE. I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 EDG ODOM 47 21 "I DON'T KNOW WHERE IT ['SUBSEQUENT TO THE EVENT' TERMINOLOGY] CAME FROM. I JUST CALLED HARRY [MAJORS] AND TOLD HARRY, 'STOP THE PRESS. IT'S NOT RIGHT.'" [TO MOSBAUGH, TYNAN].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

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187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

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187 19900629 EDG MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 62 4 TO MOSBAUGH ABOUT HAIRSTON
CONSCIOUSLY THINKING THAT THE NRC MIGHT INTERPRET THE
"CORRECTION" COVER LETTER AS NOT ADDRESSING THE 4/9 COAR.

187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9
LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING
TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

STATEMENTS PERTINENT TO MCCOY

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE "THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG BOCKHOLD 9 6 TOLD MCCOY THAT EDG START COUNT NUMBERS IN 4/9 PRESENTATION BEGAN AFTER COMP. TEST PROGRAM. [EITHER DOESN'T KNOW OR IS B.S. ING MCCOY].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER] "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

99 19900508 EDG MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 EDG MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

159 19900611 EDG SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSEBAUGH RE REV TO LER].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, ----

253 19900815 EDG BOCKHOLD 11 9 [CONT'D] ---SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

258 19900817 EDG MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 EDG FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

258 19900817 EDG BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE
[EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES,
BUT...[HE] BELIEVES IT WASN'T AN INTENTIONAL MISTAKE..." [TO
MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES
VS. ACTUAL SITUATION.]

STATEMENTS PERTINENT TO MCDONALD

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER]
"...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND
GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR
TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER,
MOSBAUGH, AUFDENKAMPE].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED
TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON
THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

STATEMENTS PERTINENT TO RUSHTON

95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/ 0] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

STATEMENTS PERTINENT TO SHIPMAN

57 19900419 EDG STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 EDG SHIPMAN 100 23 [TO MOSBAUGH] TRYING TO GET "ALL THE HAIRSTON QUESTIONS ANSWERED." WHAT OPERATORS DID BEFORE TRYING TO RESTART THE DIESEL.

57 19900419 EDG SHIPMAN 103 25 TOLD MOSBAUGH HE HAD NO PROBLEM WITH THE WAY THE OPERATOR ACTION WAS DESCRIBED IN THE PROPOSED LER [IMMEDIATELY RESET ANNUNCIATORS], BUT THAT HAIRSTON HAD A PROBLEM WITH IT.

57 19900419 EDG SHIPMAN 104 8 "OTHER QUESTION WE'VE BEEN TRYING TO GET AN ANSWER TO IS TO REASSURE GEORGE [HAIRSTON] THAT WE HAD MORE THAN 20 VALID STARTS SINCE MARCH THE 20TH, LIKE WE SAY IN THE LER." [TO MOSBAUGH] MOSBAUGH TOLD SHIPMAN THERE'S A PROBLEM WITH THE WAY THAT'S STATED.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

57 19900419 EDG MOSBAUGH 105 5 "... THE B MACHINE, ON 3-22 AT 12:43 THE MACHINE TRIPPED ON HIGH LUBE OIL TEMPERATURE." [TO SHIPMAN].

57 19900419 EDG SHIPMAN 105 18 "WE COULD SOLVE THE PROBLEM THAT'S CREATED BY THAT INFORMATION [THE 3-22 TRIP] BY SAYING NO VALID FAILURES." [TO MOSBAUGH].

57 19900419 EDG MOSBAUGH 105 21 "I THINK WE GOT ANOTHER ONE [FAILURE]. IT IS ON 3-23 ATG 17:31. THE B MACHINE ...TRIPPED ON LOW JACKET WATER PRESSURE/LUBE OIL PRESSURE LOW." [TO SHIPMAN, STRINGFELLOW].

57 19900419 EDG SHIPMAN 106 4 "...THIS THING'S ALREADY BEEN THROUGH THE PRB A COUPLE OF TIMES. HOW IN THE WORLD DID IT GET THROUGH THE PRB?" [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 107 20 "IT SOUNDS LIKE THIS WHOLE STATEMENT [DIESEL STARTS WITH NO FAILURES OR PROBLEMS] NEEDS TO BE STRICKEN." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 108 8 "CERTAINLY, IF IT'S NOT A VALID STATEMENT, WE WOULD NEED TO GET IT THE HECK OUT OF HERE REGARDLESS OF WHAT GEORGE TOLD EBNETER." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG SHIPMAN 10 8 STATED HIS AWARENESS OF HAIRSTON PERSONALLY INTERVIEWING EQUIP. OPERATORS THAT RE-STARTED EDG AT SITE AREA EMERGENCY.

58 19900419 EDG SHIPMAN 11 2 SUSPECTED HAIRSTON OF "LEADING" THE EDG EQUIP. OPERATOR INTO SAYING WHAT HAIRSTON WANTED HIM TO SAY.

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG SHIPMAN 20 20 "...AND THEY SHOULD NOT BE INCLUDED BECAUSE THEY WERE PART OF THE RETURNING TO SERVICE OF THE DIESEL..." [RE: 3/22 AND 3/23 TRIPS] [MOSBAUGH, AUFDENKAMPE].

58 19900419 EDG SHIPMAN 23 7 "THE PROBLEM WITH THAT IS THAT THAT NUMBER [EDG STARTS] IS GOING TO BE SIGNIFICANTLY LESS THAN WHAT GEORGE TOLD MR. EBNETER, AND, YOU KNOW, IT'S GOING TO CREATE A SELLING JOB FOR ME, I THINK, BUT EVENTUALLY THAT'S THE ONLY WAY WE CAN TELL A VALID STORY..

58 19900419 EDG SHIPMAN 23 8 "...[CONT. OF PG. 23, LINE 7] THAT YOU KNOW, WE CAN DEFEND. IF SOMEBODY CALLS ALLEN MOSBAUGH, BILL SHIPMAN, AND JOHN AUFDENKAMPE AGAIN TO TESTIFY, THAT'S THE STORY I WANT TO TELL." [TO MOSBAUGH, AUFENDKAMPE RE COUNTING STARTS AFTER DIESEL DEC. OPERABLE]

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

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95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

187 19900629 EDG WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 40 8 "IT'S IMPORTANT FOR ME TO KNOW THAT WE IDENTIFIED..." [THE CONNECTION BETWEEN THE 7/5 AND 7/11 EDG FAILURES, AS OPPOSED TO THE NRC ID'ING IT].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

STATEMENTS PERTINENT TO STRINGFELLOW

57 19900419 EDG STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. JGA SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 EDG AUFDENKAMPE 91 4 "WE THINK THAT'S BASICALLY A MATERIAL FALSE STATEMENT." [TO STRINGFELLOW, MOSBAUGH, REFERRING TO 20 STARTS WITHOUT FAILURES OR PROBLEMS SINCE MAR 20].

57 19900419 EDG AUFDENKAMPE 91 7 "...WE KNOW FOR A FACT THAT THE B DIESEL TRIPPED AT LEAST ONCE AFTER MARCH 20TH." [TO STRINGFELLOW].

57 19900419 EDG MOSBAUGH 91 8 "ACTUALLY, IT [B DIESEL] TRIPPED TWICE AFTER MARCH 20TH, OR IT HAD AT LEAST TWO SEPARATE PROBLEMS." [TO STRINGFELLOW].

57 19900419 EDG STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 EDG STRINGFELLOW 94 11 RECOGNIZED THEY "WERE DOWN TO " THE "20 TIMES EACH" QUESTION IN THE WORDING OF THE LER. [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 EDG STRINGFELLOW 96 8 "IT JUST DAWNED ON ME WHAT AL WAS SAYING A MINUTE AGO. IN OTHER WORDS, IF WE SAY NO FAILURES OR PROBLEMS OCCURRED IN ANY STARTS, YOU'RE SAYING THAT'S NOT TRUE." "OH, WONDERFUL, O.K." [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 EDG AUFDENKAMPE 96 15 "BECAUSE, YOU KNOW, WE...THIS HAS BEEN WRITTEN TO THE NRC ONCE ALREADY." [STRINGFELLOW RESPONDS BY SAYING THAT WAS EXACTLY WHAT HE WAS THINKING].

57 19900419 EDG MOSBAUGH 105 21 "I THINK WE GOT ANOTHER ONE [FAILURE]. IT IS ON 3-23 ATG 17:31. THE B MACHINE ...TRIPPED ON LOW JACKET WATER PRESSURE/LUBE OIL PRESSURE LOW." [TO SHIPMAN, STRINGFELLOW].

57 19900419 EDG SHIPMAN 106 4 "...THIS THING'S ALREADY BEEN THROUGH THE PRB A COUPLE OF TIMES. HOW IN THE WORLD DID IT GET THROUGH THE PRB?" [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 107 20 "IT SOUNDS LIKE THIS WHOLE STATEMENT [DIESEL STARTS WITH NO FAILURES OR PROBLEMS] NEEDS TO BE STRICKEN." [TO MOSBAUGH, STRINGFELLOW].

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58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

222 19900727 EDG MOSBAUGH 39 3 "APPARENTLY, STRINGFELLOW THOUGHT IT [LAPED EDG] WAS A 4 HOUR." [REPORT REQUIREMENT] [TO MOSBAUGH].

267 19900829 EDG STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, A.M.]

STATEMENTS PERTAINING TO THE EMERGENCY DIESEL GENERATOR

9 19900323 EDG FREDERICKS 4 17 COMMENTED THAT HE BELIEVED THAT IF THE DIESEL WAS AN AIRPLANE, GEORGE WOULD NOT GO UP IN IT.

10 19900323 EDG WEBB 11 5 "BUT IT TRIPPED." [DISCUSSING EDG WITH KOCHERI & MOSBAUGH].

10 19900323 EDG 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FREDERICKS, HOLMES, KOCHERI, COURSEY, CASH, AND BRINEY.

10 19900323 EDG FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERI, COURSEY, CASH, AND BRINEY (CRITIQUE TEAM MEETING)].

10 19900323 EDG COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 EDG CASH 14 20 "THEY DIDN'T RESET ANYTHING ON THE LOCAL CONTROL PANEL. BOTH OF THE ALARMS CAME IN." [CASH PERSONALLY FAMILIAR WITH 03-23-90 TRIP].

10 19900323 EDG CASH 15 1 COMMENT SHOWS CASH'S PERSONAL KNOWLEDGE OF 03-23-90 1B DIESEL TRIP.

10 19900323 EDG CASH 16 9 "I LEFT THE HIGH TEMPERATURE OUT, AND THE TRIP FOR TWO DIFFERENT PRESSURES (IN AUDIBLE) IT'S A ONE OUT OF ONE ON TRIP, CORRECT." [TO FREDERICKS, KOCHERI, BRINEY, PE: 03-23-90 1B DIESEL TRIP].

10 19900323 EDG COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERI, BRINEY, HOLMES, MOSBAUGH].

10 19900323 EDG COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERI, CASH, HOLMES, BRINEY].

10 19900323 EDG CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERI, HOLMES, COURSEY.]

10 19900323 EDG FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES; POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERI, HOLMES, COURSEY, CASH.]

10 19900323 EDG BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG KOCHERI 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH, BRINEY, COURSEY, HOLMES.]

10 19900323 EDG CASH 23 13 "...YOU GOT TWO ALARMS. ONE IS HIGH LUBE OIL OUT, HIGH LUBE OIL TEMP. OUT, IT'S 190 DEGREES." [TO BRINEY, KOCHERI, FREDERICKS, MOSBAUGH]

10 19900323 EDG BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG HOLMES 28 19 SAID THE JACKET WATER TEMP. SENSORS (CALCON SWITCHES) HAD TO BE RECALIBRATED EVERY TIME. [TO CASH AND VEGP CRITIQUE TEAM] [REITERATES ON P.31, LN 12]

10 19900323 EDG HOLMES 33 11 SAID NOTHING HAS BEEN DONE TO CORRECT CALCON CALIBRATION PROBLEM. "JUST BEEN LIVI WITH IT." [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 EDG COURSEY 41 11 "...WHAT HE'S GOT TO CALIBRATE IS A PIECE OF GARBAGE [CALCON SWITCHES], AND HE KNOWS THEY'RE ALL GOING TO BLOW." ["HE" COULD BE BRINEY OR VENDOR REP, SHELDON] [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 EDG BRINEY 46 15 "TOO MANY PEOPLE IN THE BOAT..." [TO CASH AND VEGP CRITIQUE TEAM] CONFLICT BETWEEN DIRECTION FROM CRITIQUE TEAM AND OUTAGE MANAGEMENT.

41 19900411 EDG BOCKHOLD 8 4 DISCUSSES NRC GIVING OK TO GO TO MODE 3. [TO LACKEY, MOSBAUGH]

41 19900411 EDG LACKEY 8 22 TALKS ABOUT GOING TO MODE 3 24 HOURS AFTER MODE 4. [TO BOCKHOLD, MOSBAUGH]

41 19900411 EDG BURWINKLE 21 13 TALKS ABOUT LACK OF SET PROCEDURE FOR MEASURING DEW POINT (AIR QUALITY) [TO STEELE, MOSBAUGH].

41 19900411 EDG BOCKHOLD 40 4 TALKS ABOUT NOT LOSING ANY TIME GETTING BACK TO MODE 1, PER PROJECTION. [TO PARTON, HORTON, MOSBAUGH].

41 19900411 EDG BOCKHOLD 43 5 COMMENTS ABOUT NOT DOING GOOD PM'S ON CHECKING AIR DRYER QUALITY FROM 5/88 TO 5/89. [TO KOCHERI, MOSBAUGH]. WOULD THAT FACT AFFECT "THE STATEMENT WE MADE IN OUR LETTER?"

41 19900411 EDG BOCKHOLD 44 7 TALKS ABOUT PM PROGRAM BEING "SUSPECT" IN '89. SAID WE DON'T KNOW IF WE HAD GOOD AIR OR BAD AIR. [TO KOCHERI, MOSBAUGH].

41 19900411 EDG BOCKHOLD 46 9 TALKED ABOUT FSAR REQUIREMENTS AND SOMETIMES NOT BEING ABLE TO MEET THEM. CONCERNED ABOUT HAIRSTON LETTER [COAR RESPONSE 4/9]. STATEMENTS ABOUT AIR QUALITY STILL BEING "VALID." [TO KOCHERI, MOSBAUGH].

41 19900411 EDG BOCKHOLD 50 16 "...ON THE 29TH [MAR 90] OR SO, WE GOT A CRUMMY READING AND NOBODY KNEW ABOUT IT UNTIL MILT HUNT PICKED IT UP." [TO BURMEISTER, MOSBAUGH, STOKES].

41 19900411 EDG MOSBAUGH 50 21 "GEORGE [BOCKHOLD], WE HAD A BAD READING [DEW POINT/AIR QUALITY] TODAY [4/11/90] 60 DEGREES ON THE 2A DIESEL."

41 19900411 EDG HORTON 51 4 "HAVEN'T WE GOT ANY GOOD READINGS?" [RE: EDG DEW POINT/ TO BOCKHOLD].

41 19900411 EDG BOCKHOLD 51 6 "NOT ON 2A, 2B." [RESPONDING TO HORTON WHO ASKED IF THERE HAD BEEN ANY GOOD DEW POINT READINGS].

41 19900411 EDG BOCKHOLD 51 11 "ACTUALLY, I HEARD ABOUT IT JUST BEFORE THE MEETING WITH THE NRC." [TO HORTON, KOCHERI, MOSBAUGH, BURMEISTER RE:BAD DEW POINT READING].

41 19900411 EDG KOCHERI 52 5 TOLD BOCKHOLD THAT "THEY" STILL RUN THE DIESEL COMPRESSOR EVEN WITH THE AIR DRYERS OUT OF SERVICE.

41 19900411 EDG BOCKHOLD 52 6 "I'LL WRITE A NOTE TO SKIP KITCHENS ON THIS THING." [ACKNOWLEDGES KOCHERI'S NOTIFICATION ABOUT RUNNING COMPRESSORS WITH AIR DRYERS OUT OF SERVICE].

41 19900411 EDG MOSBAUGH 54 1 SUMMARIZED HIS AIR QUALITY CONCERNS.

41 19900411 EDG BEACHER 74 11 COMMENTED TO MOSBAUGH AND AUFDENKAMPE ABOUT TELECOPYING AN APPARENTLY INCOMPLETE DEW POINT MEASUREMENT HISTORY FOR PAST YEAR TO CHAFFEE (NRC), BROCKMAN (NRC), LOUIS WARD, & KEN BURR.

42 19900411 EDG MOSBAUGH 2 16 TO BURWINKLE ABOUT BOCKHOLD CONCLUDING NO AIR QUALITY PROBLEM BECAUSE OF NO CORROSION IN TANK AND NOTHING ON THE FILTER. NOT A COMPREHENSIVE EVALUATION.

42 19900411 EDG BURWINKLE 5 7 "YUP, WHEN YOU GET WATER IN THE PNEUMATIC RELAY, THEY DO GO TO SHIT." "...THERE WERE A COUPLE THAT SHOT WATER AND WE REPLACED AND REPLACED..." "...THEM REGULATORS GOT THAT SMALL ORIFICE." [TO MOSBAUGH].

42 19900411 EDG AUFDENKAMPE 13 1 TOLD MOSBAUGH THAT IT'S NOT GPC'S OBLIGATION TO TELL NRC THAT "WE" (GPC/VEGP) FEEL WE HAVE AIR PROBLEMS OR THAT WE FOUND AN AIR PROBLEM.

42 19900411 EDG KOCHERI 28 7 TOLD MOSBAUGH THE A DIESEL HAD NO PROBLEMS, BUT B DIESEL TRIPPED TWICE SINCE 3/20/90 - A HIGH LUBE OIL TRIP ON 3/22/90.

57 19900419 EDG KITCHENS 63 10 "GEORGE [FREDERICKS] POINTED OUT THERE WAS A FAILURE OF ONE OF THE B DIESELS RIGHT AFTER THE MAINTENANCE WORKED ON IT." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 EDG KITCHENS 63 16 "IT WASN'T OPERABLE [B DIESEL] SO WE DON'T WANT TO MAKE A STATEMENT WITH NO FAILURES AND NO PROBLEMS." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 EDG KITCHENS 63 21 "...STARTED MORE THAN 20 TIMES EACH...WHATEVER NUMBER...MAKE SURE IT'S NOT A FALSE STATEMENT." [TO PRB RE:LER]

57 19900419 EDG STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. AUFDENKAMPE SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 EDG AUFDENKAMPE 91 4 "WE THINK THAT'S BASICALLY A MATERIAL FALSE STATEMENT." [TO STRINGFELLOW, MOSBAUGH, REFERRING TO 20 STARTS WITHOUT FAILURES OR PROBLEMS SINCE MAR 20].

57 19900419 EDG AUFDENKAMPE 91 7 "...WE KNOW FOR A FACT THAT THE B DIESEL TRIPPED AT LEAST ONCE AFTER MARCH 20TH." [TO STRINGFELLOW].

57 19900419 EDG MOSBAUGH 91 8 "ACTUALLY, IT [B DIESEL] TRIPPED TWICE AFTER MARCH 20TH, OR IT HAD AT LEAST TWO SEPARATE PROBLEMS." [TO STRINGFELLOW].

57 19900419 EDG STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 EDG STRINGFELLOW 94 11 RECOGNIZED THEY "WERE DOWN TO " THE "20 TIMES EACH" QUESTION IN THE WORDING OF THE LER. [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 EDG STRINGFELLOW 96 8 "IT JUST DAWNED ON ME WHAT AL WAS SAYING A MINUTE AGO. IN OTHER WORDS, IF WE SAY NO FAILURES OR PROBLEMS OCCURRED IN ANY STARTS, YOU'RE SAYING THAT'S NOT TRUE." "OH, WONDERFUL, O.K." [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 EDG AUFDENKAMPE 96 15 "BECAUSE, YOU KNOW, WE...THIS HAS BEEN WRITTEN TO THE NRC ONCE ALREADY." [STRINGFELLOW RESPONDS BY SAYING THAT WAS EXACTLY WHAT HE WAS THINKING].

57 19900419 EDG MOSBAUGH 97 4 ASKED AUFDENKAMPE IF HE HAD HAIRSTON'S COAR LETTER, "BECAUSE THAT'S THE ONE..." - AUFDENKAMPE INTERRUPTED SAYING "WHERE THEY LIED...I MEAN THEY..." MOSBAUGH FINISHED THE THOUGHT BY SAYING, "...MADE THAT STATEMENT [NO FAILURES OR PROBLEMS] PREVIOUSLY."

57 19900419 EDG SHIPMAN 100 23 [TO MOSBAUGH] TRYING TO GET "ALL THE HAIRSTON QUESTIONS ANSWERED." WHAT OPERATORS DID BEFORE TRYING TO RESTART THE DIESEL.

57 19900419 EDG SHIPMAN 103 25 TOLD MOSBAUGH HE HAD NO PROBLEM WITH THE WAY THE OPERATOR ACTION WAS DESCRIBED IN THE PROPOSED LER [IMMEDIATELY RESET ANNUNCIATORS], BUT THAT HAIRSTON HAD A PROBLEM WITH IT.

57 19900419 EDG SHIPMAN 104 8 "OTHER QUESTION WE'VE BEEN TRYING TO GET AN ANSWER TO IS TO REASSURE GEORGE [HAIRSTON] THAT WE HAD MORE THAN 20 VALID STARTS SINCE MARCH THE 20TH, LIKE WE SAY IN THE LER." [TO MOSBAUGH] MOSBAUGH TOLD SHIPMAN THERE'S A PROBLEM WITH THE WAY THAT'S STATED.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

57 19900419 EDG MOSBAUGH 105 5 "... THE B MACHINE, ON 3-22 AT 12:43 THE MACHINE TRIPPED ON HIGH LUBE OIL TEMPERATURE." [TO SHIPMAN].

57 19900419 EDG SHIPMAN 105 18 "WE COULD SOLVE THE PROBLEM THAT'S CREATED BY THAT INFORMATION [THE 3-22 TRIP] BY SAYING NO VALID FAILURES." [TO MOSBAUGH].

57 19900419 EDG MOSBAUGH 105 21 "I THINK WE GOT ANOTHER ONE [FAILURE]. IT IS ON 3-23 ATG 17:31. THE B MACHINE ...TRIPPED ON LOW JACKET WATER PRESSURE/LUBE OIL PRESSURE LOW." [TO SHIPMAN, STRINGFELLOW].

57 19900419 EDG SHIPMAN 106 4 "...THIS THING'S ALREADY BEEN THROUGH THE PRB A COUPLE OF TIMES. HOW IN THE WORLD DID IT GET THROUGH THE PRB?" [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 107 20 "IT SOUNDS LIKE THIS WHOLE STATEMENT [DIESEL STARTS WITH NO FAILURES OR PROBLEMS] NEEDS TO BE STRICKEN." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 108 8 "CERTAINLY, IF IT'S NOT A VALID STATEMENT, WE WOULD NEED TO GET IT THE HECK OUT OF HERE REGARDLESS OF WHAT GEORGE TOLD EBNETER." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

57 19900419 EDG SWARTZWELDER 115 25 TALKED ABOUT HAIRSTON NEEDING TO TALK TO OPERATORS WHO RESET ANNUNCIATORS ON DIESEL IN SITE AREA EMERGENCY. IS CONCERNED ABOUT SPECIFICALLY LETTING THESE OPERATORS KNOW THAT HAIRSTON WILL NOT YELL AT THEM. [TO CASH, MOSBAUGH].

57 19900419 EDG AUFDENKAMPE 118 25 "WHAT BIRMINGHAM IS THINKING NOW IS THEY MADE A MATERIAL FALSE STATEMENT IN THE APRIL 9TH LETTER. [TO MOSBAUGH, ODOM].

57 19900419 EDG WEBB 123 19 "WE NEED TO GET RID OF THE STATEMENT IN THE LER ABOUT HOW MANY FAILURES OR HOW MANY TESTS YOU'VE GOT ALTOGETHER, OR ELSE CORRECT THE MISCONCEPTION THAT WE GENERATED ON 4-9. I DON'T KNOW IF WE SHOULD TRY TO CONTINUE THE MISCONCEPTION..."[AM, ODOM, AUFDEN]

58 19900419 EDG HAIRSTON 2 4 PUT WORDS IN EQUIPMENT OPERATOR'S MOUTH ABOUT CHECKING GAGES ON DIESEL BEFORE PUSHING RE-START BUTTON. [DELOACH, MOSBAUGH, SWARTZWELDER].

58 19900419 EDG HAIRSTON 5 16 DISCUSSED WORDING OF LER. [MOSBAUGH, SWARTZWELDER, DELOACH].

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG BOCKHOLD 9 6 TOLD MCCOY THAT EDG START COUNT NUMBERS IN 4/9 PRESENTATION BEGAN AFTER COMP. TEST PROGRAM. [EITHER DOESN'T KNOW OR IS B.S. ING MCCOY].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG SHIPMAN 10 8 STATED HIS AWARENESS OF HAIRSTON PERSONALLY INTERVIEWING EQUIP. OPERATORS THAT RE-STARTED EDG AT SITE AREA EMERGENCY.

58 19900419 EDG SHIPMAN 11 2 SUSPECTED HAIRSTON OF "LEADING" THE EDG EQUIP. OPERATOR INTO SAYING WHAT HAIRSTON WANTED HIM TO SAY.

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG BURWINKLE 19 19 "HAVE YOU GUYS FIGURED OUT HOW COME THE DIESEL STARTS WHEN IT AIN'T SUPPOSED TO?"

58 19900419 EDG SHIPMAN 20 20 "...AND THEY SHOULD NOT BE INCLUDED BECAUSE THEY WERE PART OF THE RETURNING TO SERVICE OF THE DIESEL..." [RE: 3/22 AND 3/23 TRIPS] [MOSBAUGH, AUFDENKAMPE].

58 19900419 EDG SHIPMAN 23 7 "THE PROBLEM WITH THAT IS THAT THAT NUMBER [EDG STARTS] IS GOING TO BE SIGNIFICANTLY LESS THAN WHAT GEORGE TOLD MR. EBNETEP, AND, YOU KNOW, IT'S GOING TO CREATE A SELLING JOB FOR ME, I THINK, BUT EVENTUALLY THAT'S THE ONLY WAY WE CAN TELL A VALID STORY..

58 19900419 EDG SHIPMAN 23 8 "...[CONT. OF PG. 23, LINE 7] THAT YOU KNOW, WE CAN DEFEND. IF SOMEBODY CALLS ALLEN MOSBAUGH, BILL SHIPMAN, AND JOHN AUFDENKAMPE AGAIN TO TESTIFY, THAT'S THE STORY I WANT TO TELL." [TO MOSBAUGH, AUFENDKAMPE RE COUNTING STARTS AFTER DIESEL DEC. OPERABLE]

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER]
 "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND
 GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR
 TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER,
 MOSBAUGH, AUFDENKAMPE].

58 19900419 EDG AUFDENKAMPE 34 12 STATED THAT IT REALLY DOESN'T
 MATTER WHAT START COUNT IS PUT IN THE LER, BECAUSE IF NRC
 DISAGREES, GPC WILL JUST ISSUE A REVISION [TO MOSBAUGH].

58 19900419 EDG CASH 35 19 STATED NOT SURE IF HE TOLD BOCKHOLD
 ABOUT FAILURES IN EDG COUNT FOR NRC PRESENTATION. SAID BOCKHOLD
 KNEW ABOUT FAILURES. [TO MOSBAUGH, AUFDENKAMPE].

58 19900419 EDG CASH 36 3 STATED HE STARTED EDG START COUNT ON
 3/20, THE THREE MAINTENANCE STARTS ON NIGHT OF 3/20. [TO:
 MOSBAUGH, AUFDENKAMPE].

58 19900419 EDG AUFDENKAMPE 36 23 "WE DIDN'T COUNT THE FAILURE,
 THOUGH." [RE MOSBAUGH'S QUESTION TO CASH ABOUT START FAILURES
 SINCE 3/20] [AUFDENKAMPE IS REMINDING MOSBAUGH THAT THEY'RE
 STARTING THE COUNTS IN THE LER AS OF THE END OF THE COMPREHENSIVE
 TESTING].

75 19900430 EDG AUFDENKAMPE 31 10 "IT SOUNDS LIKE THE MATERIAL
 FALSE STATEMENT HAS BEEN MADE IN THE LER." [TO MOSBAUGH]
 [MOSBAUGH HAS A MORE COMPREHENSIVE LIST OF EDG START DATA].

75 19900430 EDG MOSBAUGH 35 2 "I COMPLETED MY REVIEW. I
 FINALLY SORTED OUT ALL THE STARTS, I THINK." [TO TYNAN]
 [MOSBAUGH GIVING THIS DATA TO BOCKHOLD].

75 19900430 EDG TYNAN 35 21 "THIRTEEN, FIFTEEN, AND SEVENTEEN
 ARE RIGHT SMACK IN THE MIDDLE." [TO MOSBAUGH ABOUT EDG PROBLEMS
 IN THE SERIAL OF STARTS].

75 19900430 EDG BEACHER 43 9 STATED THAT CHAFEE WANTS A LIST OF
 A SEQUENCE OF EDG STARTS FROM THE POINTS BOTH EDG'S WERE DECLARED
 OPERABLE [TO MOSBAUGH].

75 19900430 EDG MOSBAUGH 47 17 SHOWED KITCHENS THE
 COMPREHENSIVE LIST OF EDG STARTS AND POINTED OUT FAILURES. [TO
 KITCHENS].

75 19900430 EDG SWARTZWELDER 53 12 A CONVERSATION WITH MOSBAUGH
 ABOUT "PROBLEMS" IN MOSBAUGH'S COMPREHENSIVE EDG START LIST. [TO
 MOSBAUGH, KITCHENS].

75 19900430 EDG CASH 56 10 INVOLVED WITH VERIFICATION OF
 MOSBAUGH'S COMPREHENSIVE LIST OF EDG STARTS. [MOSBAUGH].

76 19900430 EDG MOSBAUGH 2 8 TALKED ABOUT REVIEWING HIS COMP. LIST OF EDG STARTS WITH KITCHENS, CASH, SWARTZWELDER ON 4/30. [MOYE, HORTON].

76 19900430 EDG AUFDENKAMPE 9 2 "JIMMY PAUL CASH SAID HE HAD RESEARCHED THE OPERATOR LOGS TO DETERMINE HOW MANY STARTS THERE WERE WITHOUT PROBLEMS..." [MOSBAUGH].

76 19900430 EDG BOCKHOLD 30 18 "THEN WE HAVE TO OBVIOUSLY REVISE THE LER." [TO MOSBAUGH AFTER MOSBAUGH POINTED OUT START PROBLEMS ON HIS COMP. LIST].

76 19900430 EDG BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

83 EDG PARTON 7 5 "WHAT SHOULD THE LER SAY?" [TO MOSBAUGH RE REV 1 TO THE LER].

95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

95 19900504 EDG CHAFEE 28 22 TALKS ABOUT FOREIGN MATERIAL PROBLEMS IN SWITCHES. VEGP PEOPLE STILL NOT SURE OF CAUSE OF SWITCH PROBLEMS. [MOSBAUGH, LOUIS WARD, AUFDENKAMPE, BROCKMAN AND OTHER UNIDENT. VEGP PEOPLE].

95 19900504 EDG MOSBAUGH 43 19 "WELL, BASED ON THE WYLIE TESTING AND THE DEBRIS FOUND IN THE SWITCH, THEY [NRC] STARTED USING THE WORD OPERABILITY." [TO BOCKHOLD ABOUT NRC [BROCKMAN, CHAFEE] AWARENESS OF DEBRIS IN CALCON SWITCH].

95 19900504 EDG BOCKHOLD 46 7 TALKED ABOUT LETTER TO NRC RE S.A.E. AND SAID SOME MINOR ITEMS ARE "NOT THE NRC'S BUSINESS." [TO MOSBAUGH AND OTHER VEGP MANAGERS].

95 19900504 EDG BOCKHOLD 55 21 "NOW I HEARD JOHN GIVE ME SOME SONG AND DANCE THAT WE'D LIKE TO KEEP 'WILL BE REVISED BY' SO WE DON'T MAKE MATERIAL FALSE STATEMENTS AND CHANGE THE WORDS AFTER THE FACT." [MOSBAUGH & VEGP MGRS ABOUT DRAFTING 5/14/90 LTR TO NRC RE COR. ACTIONS ON S.A.E.].

98 19900508 EDG SWARTZWELDER 60 5 TALKED ABOUT REV 1 TO 4/19/90 LER IN PRB. [TO MOSBAUGH, AUFDENKAMPE, FREDERICKS].

99 19900508 EDG MANSFIELD 44 2 "AND WE CONTINUED TO FIGHT WITH THE NRC THROUGH THE ITT." [TO MOSBAUGH, HORTON].

99 19900508 EDG MANSFIELD 44 19 "...THE ATTITUDE IS WE'RE NOT GOING TO GET OUR LICENSE IF WE DON'T DO WHAT THEY [NRC] WANT. NOW WE'VE GOT OUR LICENSE AND WE'RE FIGHTING." [TO MOSBAUGH].

99 19900508 EDG MANSFIELD 48 7 "THE WORST THING THAT CAN HAPPEN IS THAT YOU DON'T OPERATE IT SAFELY AND YOU INJURE PEOPLE." [TO MOSBAUGH, PARTON].

99 19900508 EDG MANSFIELD 48 13 "...WE GO TO EXTREMES WITH TECH SPEC INTERPRETATIONS TO KEEP THIS PLANT RUNNING AND WE'VE DONE IT FOR YEARS." [TO MOSBAUGH, PARTON].

99 19900508 EDG MANSFIELD 48 24 "WE [GPC/VEGP] HAVE AN ATTITUDE THAT BRINGING THIS PLANT DOWN IS THE WORST THING THAT COULD HAPPEN. AND IT'S NOT THE WORST THING THAT CAN HAPPEN." [TO MOSBAUGH, PARTON].

99 19900508 EDG MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 EDG MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

99 19900508 EDG MANSFIELD 53 4 "...YOUR DEPARTMENT [OPS] IS PART OF THIS CLIQUE. [MEANING THE CLIQUE HE IS AFRAID TO TELL ABOUT VEGP'S ATTITUDE ABOUT KEEPING THE PLANT RUNNING.] [TO GREENE].

101 19900508 EDG BOCKHOLD 1 15 "IS THERE SOMETHING BESIDES I'M SCREWING UP AND STARTING THE WRONG DIESEL...?" [TO MOSBAUGH AFTER MOSBAUGH NOTIFIED HIM ABOUT THE MISTAKEN START OF THE A DIESEL].

101 19900508 EDG BOCKHOLD 2 24 "I WOULD DO NOTHING WITH IT EXCEPT FOR YOUR HAVING THE PEOPLE LOOK AT THE LER CORRECTION." [TO MOSBAUGH RE MISTAKEN START OF A DIESEL].

155 19900608 EDG AUFDENKAMPE 43 8 EXPLAINED TO BAILEY LANGUAGE & BASES FOR CHANGE IN EDG STARTS IN LER REV 1. TOLD BAILEY BIRMINGHAM HAD THE APPROVED LER REV FOR AT LEAST TWO WEEKS. TOLD BAILEY HE WANTS TO CORRECT THE COAR IN THE COVER LTR. TO LER REV. [BAILEY ON PHONE, MOSBAUGH].

158 19900611 EDG MOSBAUGH 8 23 SAID NRC ITT TEAM AWARE OF DIESEL PROBLEM HISTORY AT VEGP. CITED 100 PLUS WORK ORDERS ON SWITCHES. [HORTON].

159 19900611 EDG AUFDENKAMPE 5 17 "HAIRSTON WON'T SIGN OUT THE LER." [WEBB, MOSBAUGH] [RE REV 1, LER THAT WAS PRB APPROVED AND SENT TO BIRMINGHAM IN MID-MAY].

159 19900611 EDG AUFDENKAMPE 6 6 "THEY'RE GOING TO HAVE QA AUDITS." [BIRMINGHAM GOING TO HAVE VEGP SITE QA DO AN AUDIT ON THE DIESEL START COUNTS] [TO MOSBAUGH, WEBB].

159 19900611 EDG FREDERICKS 7 11 "SHOULDN'T TAKE MORE THAN A COUPLE OF DAYS. I WAS GIVEN THE GUIDELINES THAT IT HAD TO BE DONE BEFORE THE LER WOULD BE SIGNED." [TO MOSBAUGH].

159 19900611 EDG AUFDENKAMPE 11 3 TALKED ABOUT HOW THE CORPORATE PEOPLE IN BIRMINGHAM WERE GOING TO TELL NRC THAT THE INACCURATE LOGS CAUSED EDG COUNT PROBLEM. [TO MOSBAUGH].

159 19900611 EDG SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSBAUGH RE REV TO LER].

159 19900611 EDG MOSBAUGH 38 9 TALKED ABOUT NOT BEING ABLE TO USE "VALID" IN LER REV TO REFER TO EDG TESTS. [TO ODOM].

160 19900612 EDG WEBB 5 18 "GEORGE [BOCKHOLD] DID. HE SAID HE WANTED NEW -- NEW INFO." [BOCKHOLD INSTRUCTED WEBB TO USE THE VALID START TERMINOLOGY IN THE LER REV] [TO MOSBAUGH].

160 19900612 EDG MOSBAUGH 8 13 "THERE'S A LOT WRONG WITH IT [LER REV], AND I WOULD JUST BE REAL CAUTIOUS IF I WERE YOU." [TO AUFDENKAMPE].

160 19900612 EDG AUFDENKAMPE 9 11 "I THINK WE OUGHT TO JUST GO TELL THE RESIDENTS WE LIED IN THE FIRST LER... AND THE LETTER." [TO MOSBAUGH].

160 19900612 EDG AUFDENKAMPE 10 4 "NOBODY IS GOING TO WRITE A LETTER AND SAY WE LIED TO YOU THE FIRST TIME, NRC." [TO MOSBAUGH, JUSTIFYING HIS IDEA TO GO TELL THE RESIDENTS].

160 19900612 EDG HORTON 23 14 "I ASSUME FROM CORPORATE MEETING. THEY'RE CHANGING THE RESPONSE...THE LER." [TO MOSBAUGH].

160 19900612 EDG FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG STARTS].

160 19900612 EDG FREDERICKS 24 10 "I'M SUPPOSED TO NOT ONLY COME UP WITH A NUMBER; I'M SUPPOSED TO COME UP WITH WHY THE DISCREPANCY EXISTS." [TO MOSBAUGH RE EDG START COUNT].

160 19900612 EDG FREDERICKS 24 25 "HOW COULD THEY [CORPORATE] HAVE REVVED THE NUMBERS? THEY DON'T HAVE THE NUMBERS." [TO MOSBAUGH].

160 19900612 EDG FREDERICKS 25 4 "SOMEBODY CHANGED IT TO SAY 'VALID' STARTS." [TO MOSBAUGH RE LER REV].

160 19900612 EDG HORTON 30 1 "WELL, THE CONSISTENCY IS DOWN THE TUBE BECAUSE THE FIRST LER THAT WENT OUT IS INCORRECT." [TO AJLUNI, FREDERICKS, MOSBAUGH].

160 19900612 EDG AJLUNI 33 6 TALKED TO HORTON AND FREDERICKS ABOUT THE CHANGES IN EDG START INFO FROM COAR TO LER TO REV1 OF LER.

167 19900615 EDG AUFDENKAMPE 23 21 "I BRIEFED THE RESIDENTS, AND THEY TALKED TO BROCKMAN, AND THEY SAID THAT WAS FINE." [TO MOSBAUGH RE TELLING NRC OF INCORRECT STATEMENT IN LER].

167 19900615 EDG AUFDENKAMPE 23 23 "I TOLD THEM THAT WE HAD AN INCORRECT STATEMENT IN THE LER." [TO MOSBAUGH ABOUT TELLING NRC RESIDENTS].

167 19900615 EDG MOSELY 67 14 "I'VE TABULATED THE DATA, BUT...HAVEN'T...DONE ANY COUNTING IN TERMS OF VALID FAILURES, VALID STARTS..." [TO MOSBAUGH] [MOSELY IS QA WHO OBTAINED EDG START DATA FOR FREDERICKS IN AUDIT FOR REV TO LER].

167 19900615 EDG MOSELY 71 4 TOLD MOSBAUGH THAT BAILEY CALLED, LOOKING FOR BOCKHOLD, AND HAD ASKED HIM [MOSLEY] ABOUT VALID FAILURES.

168 19900618 EDG ODOM 51 13 TALKED TO MOSBAUGH ABOUT STALLING ON A WAIVER, AND ABOUT A TOTAL RE-WRITE OF THE LER REVISION.

184 19900830 EDG HORTON 7 2 "WELL, THERE'S TWO QUESTIONABLE THINGS WE GOTTA RESOLVE, WHETHER WE'RE GOING TO DECLARE THEM [STARTS] SUCCESSFUL OR NOT. ONE ON EACH [DIESEL] RIGHT IN THE MIDDLE OF THE STRING [OF STARTS]." [TO MOSBAUGH].

184 19900830 EDG HORTON 7 23 "WE CAUSED THAT TRIP. IT WOULDN'T HAVE TRIPPED ON BLACK TUESDAY. I'LL LET GEORGE [BOCKHOLD] CALL THAT ONE."

184 19900830 EDG HORTON 8 2 "THE B TRAIN IS THE ONE THAT YOU IDENTIFIED. WHERE IT DIDN'T TRIP, IT SHOULD HAVE." [TO MOSBAUGH ABOUT A DIFFERENT KIND OF EDG PROBLEM].

184 19900830 EDG PARTON 9 7 "DID WE COME UP WITH AS MANY [SUCCESSFUL STARTS] AS WE TOLD THEM [NRC]?" [TO MOSBAUGH, HORTON].

184 19900830 EDG HORTON 9 8 "NO, WE UNDERSTAND THAT." [TO PARTON, MOSBAUGH, IN RESPONSE TO PARTON'S QUESTION RE COMING UP WITH AS MANY SUCCESSFUL STARTS AS GPC TOLD NRC].

184 19900830 EDG HORTON 15 22 "IT WAS AN UNPLANNED TRIP. I WOULD LIKE TO CALL IT AN UNPLANNED TRIP, HOWEVER, DECLARE IT A SUCCESS." [TO AUFDENKAMPE, MOSBAUGH, BOCKHOLD].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 EDG BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 EDG HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 EDG AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 EDG BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

184 19900830 EDG GREENE 30 21 "IT'S EXPLAINED IN DETAIL IN THE PAPER...IT ISN'T A CASE OF TAKE IT OUT OF HERE AND IT'S LOST. [TO HORTON, AUFDENKAMPE, MOSBAUGH, BOCKHOLD RE TAKING OUT EXPLANATORY PHRASE IN COVER LETTER ABOUT MORE STARTS THAN REPORTED].

184 19900830 EDG BOCKHOLD 32 5 "WHY, IF IT AIN'T IN THE TABLE, WHY FLAG IT IN THE PORTION OF THE LETTER?" [TO GREENE, HORTON, AUFDENKAMPE, MOSBAUGH].

184 19900830 EDG HORTON 33 9 HORTON HAS A PROBLEM WITH USING THE WORDS "APPEAR TO BE THE RESULT OF" WHEN REFERRING TO THE ERRORS IN THE 4/9 LETTER & ORIGINAL LER. HE THINKS IT SHOULD BE "WERE THE RESULT OF." [TO BOCKHOLD, GREENE, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 EDG BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 5/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

186 19900629 EDG FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 40 25 "...AND WHEN IT [COAR] SAYS 'NO PROBLEMS OR FAILURES DURING ANY OF THESE STARTS' THAT BURNS YOU UP." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 42 22 "...WHAT THEN THEY'RE [CORPORATE] GOING TO DO IS SAY A MORE ACCURATE MEASURE OF THE RELIABILITY WAS THE VALID..." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 EDG FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE...I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 EDG ODOM 47 21 "I DON'T KNOW WHERE IT ['SUBSEQUENT TO THE EVENT' TERMINOLOGY] CAME FROM. I JUST CALLED HARRY [MAJORS] AND TOLD HARRY, 'STOP THE PRESS. IT'S NOT RIGHT.'" [TO MOSBAUGH, TYNAN].

186 19900629 EDG TYNAN 47 24 "WHY CAN'T WE GET THROUGH WHAT WE [PRB] KEEP APPROVING AND SENDING OFF SITE?" [TO MOSBAUGH, ODOM RE DRAFTS OF LER REV'S].

186 19900629 EDG ODOM 48 13 "YOU WRITE THE NRC AND TELL THEM THE FALSE STATEMENT IN THE REVISION...YOU DON'T TRY A MINOR TYPOGRAPHIC ERROR. YOU TELL WHY YOU KNOW." [TO MOSBAUGH, TYNAN RE LER REV].

187 19900629 EDG WEBB 3 15 "...IT GIVES THE IMPRESSION THAT ALL THE TESTS AFTER THAT MAY HAVE BEEN SURVEILLANCE PROCEDURES TOO, AND THEY WEREN'T. ...THERE WERE INVALID TESTS IN THERE ALSO." [TO MOSBAUGH RE LER REVS].

187 19900629 EDG WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

187 19900629 EDG MOSBAUGH 14 16 "I'M JUST SAYING THAT THE REV PROPOSED ON 5/8 IS NO DIFFERENT THAN THIS [6/29]. NOW WHY WASN'T THAT SUBMITTED?" [TO WEBB, TYNAN].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 EDG HORTON 20 12 "WELL, WHAT WAS WRONG WITH OUR DIESEL START RECORD KEEPING PRACTICES?" [TO FREDERICKS, MOSBAUGH, RE WHETHER PRACTICES WERE CAUSE OF FALSE DATA GIVEN TO NRC 4/9].

187 19900629 EDG FREDERICKS 26 23 "THE SHIFT SUPERVISOR'S LOG IS NOT AN ACCURATE RECORD OF WHAT HAPPENED." [TO MOSBAUGH, HORTON].

187 19900629 EDG MOSBAUGH 42 9 PUTS GREENE ON NOTICE THAT ATTRIBUTING THE ERROR IN EDG STARTS TO POOR RECORD PRACTICES/END OF TEST PROGRAM IS NOT TRUE.

187 19900629 EDG MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

187 19900629 EDG GREENE 56 8 GREENE SUGGESTED TO MAJORS TO USE THE WORD "DIFFERENCE" V. "DISCREPANCY" IN LER REV COVER LETTER BECAUSE "DISCREPANCY" MEANT ADMITTING A MISTAKE. MAJORS LIKED THE IDEA.

187 19900629 EDG MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN C. THOSE WORDS. [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 62 4 TO MOSBAUGH ABOUT HAIRSTON CONSCIOUSLY THINKING THAT THE NRC MIGHT INTERPRET THE "CORRECTION" COVER LETTER AS NOT ADDRESSING THE 4/9 COAR.

187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9 LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

187 19900629 EDG GREENE 66 15 TRIED TO TALK MOSBAUGH ABOUT EDG AIR RECEIVER VALVES STICKING.

199 19900711 EDG KOCHERI 8 1 TO MOSBAUGH ABOUT EDG AIR RECEIVER VALVES STICKING.

199 19900711 EDG MOYE 11 1 TALKED TO MOSBAUGH, MANSFIELD, BURWINKLE, ABOUT THE 4TH TIME THE SAME PROBLEM HAS HAPPENED TO THE 2A EDG.

199 19900711 EDG MANSFIELD 11 6 TO MOSBAUGH, BURWINKLE, MOYE ABOUT CHAFFEE TELLING THEM THEY COULD HAVE AVOIDED THE 3/20 EVENT BY BEING MORE PERSISTENT IN RESOLVING REPEAT PROBLEMS WITH THE DIESELS.

199 19900711 EDG MANSFIELD 14 3 TOLD MOSBAUGH, MOYE ABOUT AN INSUFFICIENT "AIR ROLL" BEING A DIESEL PROBLEM.

199 19900711 EDG HORTON 27 15 TO MOSBAUGH ABOUT 2A EDG BEING IN A 72 HOUR LCO DUE TO AN INSUFFICIENT AIR ROLL. IT WAS DECLARED INOPERABLE.

200 19900711 EDG MOSBAUGH 8 1 TO MANSFIELD, KOCHERI, STOKES ABOUT EDG AIR ROLL PROBLEMS.

204 19900713 EDG 7/11 OSOS 2 23 TOLD BOCKHOLD ABOUT 2A EDG STILL BEING INOP. PROBLEM IS CLEARANCES ON AIR START PILOT VALVES AND OIL IN AIR START PILOT VALVE LINES.

204 19900713 EDG HORTON 16 5 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

205 19900713 EDG KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE.

205 19900713 EDG MOSBAUGH 20 9 TALKED ABOUT SCOTT HARGIS RECALLING THE AIR ROLL PROBLEM ON THE UNIT 1 EDG ALSO. [TO FREDERICKS, KITCHENS, BOCKHOLD].

216 19900724 EDG MANSFIELD 4 14 "DID YOU HEAR WE HAD A DIESEL FAIL TO START?" [TO MOSBAUGH, AUFDENKAMPE].

217 19900724 EDG HORTON 25 11 "BUT WE GOT ANYWHERE BETWEEN A QUART AND TWO GALLONS...[OF JACKET WATER OUT OF THE COMBUSTION AIR DRAIN VALVES] [TO MOSBAUGH].

220 19900726 EDG MOSBAUGH 9 21 "THERE WAS A FAILURE TO START THAT WAS UNDOCUMENTED ON UNIT 1. THERE HAVE BEEN FOUR ON UNIT 2..." [TO AUFDENKAMPE].

220 19900726 EDG AUFDENKAMPE 10 15 "IT WAS IN THE -- IN THE DIESEL, THE TAPE ON THE DIESEL...THEY PUSHED THE BUTTON, AND IT DIDN'T START." [TO MOSBAUGH RE PAINTED-OVER TAPE ON DIESEL].

222 19900727 EDG MANSFIELD 37 4 "...THE CONTAINMENT COOLING FUNCTION WOULD HAVE BEEN DEGRADED. I MEAN, THAT'S A LIE...IT WOULD HAVE BEEN NON-EXISTENT." [TO MOSBAUGH RE LER ON EDG TAPING].

222 19900727 EDG MANSFIELD 38 6 "...A BLATANT LIE." [FINISHED MOSBAUGH'S STATEMENT ABOUT TAPED DIESEL LER.

222 19900727 EDG MANSFIELD 38 17 "SO AL, LOSS OF A SAFETY FUNCTION FROM A SINGLE EVENT IS A 4 HOUR REPORT. HOW DO YOU DEAL WITH THAT WHEN YOU FIND OUT ABOUT IT MONTHS LATER?" [TO MOSBAUGH RE EDG TAPING].

222 19900727 EDG MOSBAUGH 39 3 "APPARENTLY, STRINGFELLOW THOUGHT IT [TAPED EDG] WAS A 4 HOUR." [REPORT REQUIREMENT] [TO MOSBAUGH].

222 19900727 EDG HINES 39 17 "DIESEL GENERATOR 1A CONTROL AIR LEAK AND THERE IS NOT AN LCO WRITTEN AGAINST IT." [TO MOSBAUGH, MANSFIELD].

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 40 8 "IT'S IMPORTANT FOR ME TO KNOW THAT WE IDENTIFIED..." [THE CONNECTION BETWEEN THE 7/5 AND 7/11 EDG FAILURES, AS OPPOSED TO THE NRC ID'ING IT].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

246 19900813 EDG BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, MOSBAUGH, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

253 19900815 EDG BOCKHOLD 15 2 DESCRIBES HIS RECOLLECTION OF THE SEQUENCE OF EVENTS RE EDG PRESENTATION TO NRC ON 4/9, AND HOW 4/9 COAR RESPONSE WAS CREATED. [FULL DISCUSSION ABOUT 4/19 LER CONFERENCE CALL INCLUDED THROUGH PAGE 19].

258 19900817 EDG WILLIAMS 8 15 "AND THEN LAST NIGHT [8/16/90] THE 1B DIESEL GENERATOR AUTO-STARTED FOR NO APPARENT REASON." [TO BOCKHOLD, MOSBAUGH, AT MORNING STATUS MEETING ON LAST DAY OF NRC SPECIAL INSPECTION.]

258 19900817 EDG HORTON 20 24 "...THERE MAY BE A RELATIONSHIP [TO THE 1B DIESEL AUTO-STARTING] TO ANOTHER SLAVE RELAY TEST." [TO MOSBAUGH, MANSFIELD, IN ENGINEERING MEETING.]

258 19900817 EDG BOCKHOLD 24 17 "...ALLEN CAME TO ME AND SAID, 'HEY, THE INFORMATION [4/9 EDG START INFO] IS WRONG' AND I TOLD ALLEN TO GET THE STAFF TO FIX IT." [TO FREDERICKS, WHO QUESTIONED IF ANYONE HAD ANY CONTENTION ABOUT THE CORRECTNESS OF THE 4/9 DATA.]

258 19900817 EDG MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FIEDERICKS, MOSBAUGH]

258 19900817 EDG FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, AUFDENKAMPE, MOSBAUGH]

258 19900817 EDG BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES, BUT...[HE] BELIEVES IT WASN'T AN INTENTIONAL MISTAKE..." [TO MCCOY, AUFDENKAMPE, MOSBAUGH, FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES VS. ACTUAL SITUATION.]

260 19900817 EDG AUFDENKAMPE 8 3 TALKS ABOUT BOCKHOLD HAVING SIGNED OFF ON THE COVER LETTER TO REV 1 OF THE LER [6/29] IN MID MAY. [TO MOSBAUGH, CHESTNUT] [CHESTNUT IS TAKING AUFDENKAMPE'S PLACE AS TECHNICAL MANAGER.]

264 19900828 EDG ODOM 39 18 "IT'S GOT A MIND OF ITS OWN." [REFERS TO AN INADVERTENT, UNEXPLAINED UNIT 1 DIESEL START ON 8/16-17/90.] [TO MOSBAUGH, COPELAND.]

266 19900829 EDG BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO MOSBAUGH, GREENE, HORTON]

267 19900829 EDG KOCHERI 32 8 DISCUSSES ANOTHER CURRENT PROBLEM WITH THE 1A EDG. A VOLTAGE REGULATOR PROBLEM. THE 1A EDG HAS BEEN DECLARED INOPERABLE. [TO MOSBAUGH] [MOSBAUGH SAYS THIS PROBLEMS HAS EXHIBITED ITSELF BEFORE.]

267 19900829 EDG HORTON 41 22 "...WE JUST NEED TO MAKE IT AS REASONABLY ACCURATE AS WE CAN, BECAUSE THE LIABILITY I SEE IS SUBSTANTIAL." [TO MOSBAUGH, RE EDG START DATA STILL BEING COMPILED JUST PRIOR TO ENFORCEMENT CONFERENCE ON SITE AREA EMERGENCY.]

267 19900829 EDG STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, MOSBAUGH]

269 19900830 EDG AUFDENKAMPE 1 25 TALKS ABOUT BOCKHOLD "GUIDING" THE PRB ABOUT THE WORDING AND CONTENT OF THE LETTER THAT SUPPOSEDLY CORRECTED THE "INCORRECT" EDG START DATA GIVEN TO NRC IN APRIL. [TO MOSBAUGH.]

STATEMENTS PERTAINING TO INTEGRITY

246 08/13/90 INT BOCKHOLD 16 17 "...A WORD OF CAUTION...WE'RE TRYING TO GET OUR ATTORNEYS AND THAT TYPE OF STUFF ...TELL THEM THE TRUTH, BUT BE REAL CAREFUL WITH THAT. DON'T SPECULATE. SPECULATION'S WHERE YOU REALLY GET IN TROUBLE...YOU'VE ALL HEARD MY WORDS BEFORE, BUT...

247 08/13/90 INT BOCKHOLD 5 6 "YOU SHOULD TALK TO LEGAL COUNSEL BEFORE TALKING TO THE NRC...IN MY PARTICULAR CASE I'VE BEEN THROUGH A NUMBER OF THESE, SO I DON'T PLAN TO TALK VERY MUCH. I'LL JUST GRAB MY ATTORNEY AND GO." [TO VEGP MANAGERS ABOUT SPECIAL INSPECTION INTERVIEWS.]

247 08/13/90 INT BOCKHOLD 6 16 "WHEN YOU SAY SOMETHING THAT DOESN'T MAKE SENSE, HE [THE CORPORATE/PERSONAL ATTORNEY] WILL INTERRUPT AND HE WILL HELP, NO IFS, ANDS, OR BUTS ABOUT IT." [TO VEGP MANAGERS RE SPEC. INSPEC. INTERVIEWS.]

247 08/13/90 INT BOCKHOLD 10 14 "WE CAN ALWAYS TELL THEM [NRC] TO SUBPOENA US IF THEY DON'T LIKE...WHAT OUR CONDITIONS ARE...AND THEY DON'T WANT TO HAVE TO SUBPOENA US EITHER...THEY DON'T WANT TO END UP WITH THE END RESULT OF TAKING THIS BEFORE THE JUDGE AND DO IT IN COURT." [TO MGRS].

254 08/15/90 INT MCCOY 6 15 "NO, WE'LL GET OUT OF THAT PLAYGROUND. WE DON'T WANT TO MAKE ANY COMMITMENTS IN...[THE GPC RESPONSES TO THE SPECIAL INSPECTION ISSUES.] [TO BOCKHOLD, SHIPMAN.]

259 08/17/90 INT MCCOY 5 20 "WE'VE GOT TO BE CAREFUL ABOUT THAT, THE WAY WE SAY THAT. ONE OF THE THINGS WE HAD SAID WAS THAT THAT [GPC CORP. POSITION ON ESF RPTBLTY] WAS NEVER TRANSMITTED TO THE PLANT...APPARENTLY IT WAS SENT FROM LICENSING DOWN TO THE..."[PLANT].

259 08/17/90 INT MCCOY 27 2 MCCOY ADDRESSES VEGP MANAGERS ABOUT HOW BAD "DIVISIVENESS" IS WITHIN THE ORGANIZATION. TELLS THEM TO ALWAYS PRESENT IMPRESSION OF AGREEMENT AND TEAM PLAYING TO EXTERNAL ORGANIZATIONS [SUCH AS NRC.]

STATEMENTS PERTAINING TO DILUTION VALVE

99 05/08/90 DV MCCOY 13 24 "WAY BACK IN '88, WE WERE GOING TO ADD CHEMICALS AT MID-LOOP, WE DIDN'T COMMUNICATE WITH THE NRC THE BEST WE COULD HAVE." [TO VEGP MGRS AFTER NRC HQ MEETING RE CAVALIER ATTITUDE].

STATEMENTS PERTAINING TO RHR

245 08/13/90 RHR HORTON 12 7 "CAN'T REMEMBER THE GUY'S NAME THAT WE DRUG DOWN HERE, THE EXPERT." [TO MOSBAUGH, MANSFIELD RE RHR EXPERT HAIRSTON DESIGNATED TO TESTIFY IN SPECIAL INSPECTION INTERVIEW].

246 08/13/90 RHR HANDFINGER 13 3 "THAT I ETTER...THE MARCH 15TH LETTER...THAT'S NOT THE ONE THAT WORRIES US. I'M WORRIED ABOUT THE INITIAL MARCH 4TH ISSUE WHEN WE HAD 11 MILS ON TOP OF THE [RHR PUMP] MOTOR AND...RAN THAT MOTOR 'TIL WE HAD UNLOADED [FUEL]." [TO BOCKHOLD, GREENE,

246 08/13/90 RHR MANSFIELD 23 17 "WE KEPT IT [RHR PUMP] RUNNING WITH A CRACKED NSCW WATER LINE?" [TO MOSBAUGH RE RHR PUMP OPERABILITY CALL.]

246 08/13/90 RHR MANSFIELD 33 1 "WE WERE WORKING TOWARDS GETTING AN OPERABILITY CALL IN TIME FOR RELOAD." [TO MOSBAUGH, INDICATING UNCERTAINTY RE RHR PUMP OPERABILITY CALL.]

248 08/14/90 RHR MANSFIELD 41 23 "WE DID. WE DID." [PROVIDE A LOUSY RECOMMENDATION OF RHR PUMP OPERABILITY.] [IN RESPONSE TO HORTON. MOSBAUGH ALSO PRESENT.]

249 08/14/90 RHR CHANCE 17 2 "IN MY OPINION, IF I'D BEEN CONTACTED, I'D SAY 'NO, IT'S NOT OPERABLE BECAUSE THIS AND THIS.' I'D SAY 'SHIT, WE GOT TO GET A TRAIN.' I'M SORRY, BUT THAT'S THE WAY IT IS. THAT'D BE MY CALL ALL ALONG." [TO A.M., UNIDENT SS, RE RHR PUMP OPERABILITY.]

249 08/14/90 RHR HORTON 42 18 "...MAINTENANCE ENGINEERING DID ONE OF THEIR VIBRATION CHECKS ON THE [RHR] PUMP ON THE 4TH AND 5TH [OF MARCH, 1990]. THEY HAD TWO READINGS, AND THEY'RE BOTH 11 PLUS MILS." [TO MANSFIELD, A.M., RE SPEC. INSPEC. INTERVIEW.]

254 08/15/90 RHR SHIPMAN 3 13 "WELL, IF THE [RHR] PUMP WAS, IN FACT, INOPERABLE, THEN THEY [NRC] HAVE EVERY RIGHT TO QUESTION OUR ACTIONS." [TO MCCOY, BOCKHOLD].

254 08/15/90 RHR MCCOY 3 16 "OH, YEAH, THAT'S WHY I SAY..." [TO SHIPMAN, BOCKHOLD, IN RESPONSE TO SHIPMAN, LINE 13].

254 08/15/90 RHR BOCKHOLD 3 17 "WAI--WAI--WAIT. I THINK WE AGREE BECAUSE WE ALL UNDERSTAND. LET'S MOVE ON. [BOCKHOLD CUTS OFF ANY FURTHER DISCUSSION BETWEEN SHIPMAN AND MCCOY ON, OPERABILITY CALL].

STATEMENTS PERTAINING TO ELECTRICAL SEPARATION/
FIRE SAFE SHUTDOWN

226 07/30/90 SEP AUFDENKAMPE 27 22 TOLD MOSBAUGH BAILEY TOLD HIM VEGP WAS OUTSIDE THE DESIGN BASIS RE ELEC. SEPARATION/FIRE SAFE SHUTDOWN, AND A REPORTING TELECON SHOULD HAVE ALREADY BEEN MADE TO THE NRC.

226 07/30/90 SEP BAILEY 36 8 "LOOKS LIKE IT IS TO ME, BUT...WE ARE [STILL LOOKING AT IT] WE HAVEN'T MADE THAT DETERMINATION." [TO AUFDENKAMPE RE WHETHER ELEC. SEPARATION/FIRE SAFE SHUTDOWN IS OUTSIDE DESIGN BASIS].

227 07/30/90 SEP AUFDENKAMPE 14 12 TOLD SWARTZWELDER THAT BAILEY TOLD HIM THAT SHIPMAN AND RUSHTON THOUGHT IT [ELEC SEP/WAS OUTSIDE DESIGN BASIS] WAS REPORTABLE.

227 07/30/90 SEP AUFDENKAMPE 17 11 "...I FELT AT ...TEN-THIRTY THAT WE HAD MADE THE DETERMINATION WITH SOME REASONABLE CERTAINTY THAT IT [ELEC. SEP.] WAS OUTSIDE THE DESIGN BASIS SO...WE NEEDED TO GO MAKE [REPORTING] HAPPEN." [TO BAILEY].

227 07/30/90 SEP BAILEY 17 17 TOLD AUFDENKAMPE THAT HE STILL BELIEVES GPC IS OUTSIDE DESIGN BASIS ON ELEC. SEP., BUT WAITING TO SEE WHAT ENGINEERING [NICHOLSON, POSNECKER, AND WERENBERG] SAID.

253 08/15/90 SEP SHIPMAN 31 12 "PAUL [RUSHTON] REALLY BELIEVES HE'S GOING TO MAKE THIS ONE [FIRE SAFE SHUTDOWN, ELEC. SEPARATION ISSUE] GO AWAY." [TO BOCKHOLD, HORTON, AND OTHER VEGP MANAGERS.]

STATEMENTS PERTAINING TO SAFEGUARDS

159 06/11/90 SFG BURWINKLE 27 1 "...IN START UP I HAD ...10,000 CONTROL PRINTS." THEY PULLED THEM IN BECAUSE THEY WERE MADE SAFEGUARDS. "...ONE STICK THAT I KNEW I COULDN'T GET ANYMORE, JUST TO KEEP IT...I USED TO HAVE HANGING AROUND. "I HAD COPIES..." [TO MOSBAUGH RE UNMARKED SFG].

212 07/19/90 SFG BEACHER 5 20 RELATED DISCUSSION WITH STREETMAN - ..."I DON'T THINK WE'VE TAKEN THE CORRECTIVE ACTION WE SHOULD, SO I VOICED IT TO THEM...WE'LL SEE WHAT THEY DO." [TO MOSBAUGH].

213 07/19/90 SFG SHIPMAN 1 1 "I DIDN'T HEAR ABOUT THAT [FOUND SAFEGUARD DOCS/SECURITY PLAN]." "THEY FOUND STUFF IN HANTKA'S OLD FILES THAT WAS QUESTIONABLE." [TO MOSBAUGH, RUSHTON, GREENE].

213 07/19/90 SFG MOSBAUGH 1 2 "AND IT HASN'T BEEN RED PHONED [FOUND SAFEGUARD DOCS/SECURITY PLAN]." [TO SHIPMAN, RUSHTON, GREENE].

213 07/19/90 SFG SHIPMAN 1 17 "ODOM'S BEEN INVOLVED & JACK...I DON'T THINK THAT IT TAKES YOU & I, ALLEN, DECIDE WHETHER A RED-PHONE IS REQUIRED..." "...IF SOMETHING IS REQUIRED THAT ODOM & BAILEY & THE OTHER FOLKS DO EVERY DAY THEY ARE SURELY OLD ENOUGH TO FIGURE THAT OUT."

214 07/23/90 SFG DANNEMILLER 34 4 "BUNCH OF STUFF IN HERE THAT'S NOT ACCOUNTED FOR. 25-1 IS NOT ACCOUNTED FOR. 26-1 IS NOT ACCOUNTED FOR. THIS IS A SAFEGUARD...ACCORDING TO THEM." THFN COMMENTS TO MOSBAUGH THAT THERE WAS A 1981 DRAFT SECURITY PLAN.

214 07/23/90 SFG GUTHRIE 38 11 "...I'VE NEVER HEARD OF AN AMNESTY ON REPORTING." [TO MOSBAUGH, DANNEMILLER].

214 07/23/90 SFG STREETMAN 46 4 "I REALLY WISH YOU WOULD, DO NOT DO THAT UNTIL YOU TALKED TO BAILEY." "[TO DANNEMILLER].

214 07/23/90 SFG DANNEMILLER 46 6 "I'LL TALK TO GEORGE AND WE'LL TALK TO BAILEY TOGETHER, BUT ALAN'S HERE AND WAS IN THE MEETING WITH ME, AT THE ENFORCEMENT CONFERENCE, AND NEITHER ONE OF US REMEMBERS AN EXCEPTION FROM REPORTABILITY." [TO STREETMAN].

214 07/23/90 SFG STREETMAN 46 10 "...IF YOU CALL THE NRC RIGHT NOW ABOUT THOSE ITEMS, ACTUALLY I'M CALLING YOU FROM SCS RIGHT NOW." "AND WE'VE GOT A LITTLE PROBLEM OVER HERE ALSO." "I DON'T WANT TO TELL YOU ABOUT IT YET." "WE'RE STILL INVESTIGATING IT. SO DON'T CALL THE NRC YET" [TO DANNEMILLER]

214 07/23/90 SFG STREETMAN 47 1 "I'M JUST ASKING, DO NOT CALL UNLESS YOU TALK TO BAILEY FIRST." "WE MAY NEED TO GO TO SHIPMAN OR MCCOY WITH THIS."

214 07/23/90 SFG DANNEMILLER 51 14 "...I'LL DISCUSS WITH GEORGE [BOCKHOLD] THE NEED FOR REPORTABILITY AND WE'LL CALL JIM BAILEY." "I BELIEVE WE ARE NOT EVER RELIEVED FROM REPORTABILITY..." [TO STREETMAN].

214 07/23/90 SFG STREETMAN 52 7 "THEY [SCS] HAD AN INCIDENT IN NOV. WHERE THEY LEFT THEIR SAFEGUARDS FILES UNLOCKED FOR APPROX ABOUT AN HOUR, AND IT WENT UNREPORTED. AND WE'RE LOOKING IN TO SEE EXACTLY WHAT WAS IN THERE AND SHOULD HAVE BEEN REPORTED." [TO DANNEMILLER].

214 07/23/90 SFG STREETMAN 52 14 "...I GOT TO TELECOPY TO YOU A REPORT OF THE, THAT DAY AND THEIR ACTIONS, THEIR CORRECTIVE ACTIONS, BECAUSE THEIR PROCEDURES DIDN'T SAY THEY REALLY HAD TO REPORT IT SO WE'VE GOT A PROCEDURAL PROBLEM ALSO, LOOKS LIKE." [TO DANNEMILLER].

214 07/23/90 SFG STREETMAN 52 21 "...GA PWR HAS NOT EVEN BEEN TOLD ABOUT THE MATTER. FROM WHAT WE'VE BEEN TOLD, THEY, THE FACT THAT THEY HAD THIS UNLOCKED FILE NEVER LEFT THEIR ENGINEERING OFFICE. THEY NEVER CALLED AND TOLD THE LICENSING PERSONNEL AT GA PWR." [TO DANNEMILLER].

215 07/23/90 SFG DANNEMILLER 11 24 "PAUL RUSHTON SAID I PERSONALLY REVIEWED IT AND DON'T FIND ANY OF THAT TO BE SAFEGUARDS." [TO MOSBAUGH].

215 07/23/90 SFG DANNEMILLER 12 21 "I DON'T MUCH CARE FOR THIS, I THINK THEY'RE JOCKYING OVER NOTIFICATION AND DISCOVERY TIME."

215 07/23/90 SFG STREETMAN 16 16 TOLD DANNEMILLER THAT THEY [CORP] WERE MAKING THE REPORTABLE [TO NRC]. SAID THEY WERE WRITING IT UP AND THAT RUSHTON WANTED TO READ IT. SAID CORP. WOULD MAKE THE CALL.

215 07/23/90 SFG DANNEMILLER 17 13 [DISCUSSION WITH MOSBAUGH] ITS 3:00, WE HAVE TALKING ABOUT THIS AT 11:00 I MADE MY DECISION AT ABOUT 10:30. MCCOY GOT IN ON THIS ONE. HORNS OF A DILEMMA-I THOUGHT YOU WERE SUPPOSED TO CALL IT IN WITHIN AN HOUR OF DETERMINATION...RATIONAL PERSON DETERMN.

216 07/24/90 SFG AUFDENKAMPE 15 18 "WELL, YOU ALWAYS PLAY GAMES WITH THE RULES." [TO MOSBAUGH RE REPORTING OF LOST DOCUMENTS & UNSECURED SAFE IN SONOPCO].

217 07/24/90 SFG MOSBAUGH 22 8 "RAMSEY IS THE AUTHORITY WHEN THE SCS LETTER WAS SENT OUT UNDER HIM....SO NOBODY CAN SAY RAMSEY ISN'T HIGH ENOUGH." "HE'S THE GUY WHO SIGNED OUT THE SCS LETTER FOR THE APPROP. ACTION." "HE HAD DIRECT KNOWLEDGE OF THE EVENT." [DANN LETTER REQ/VAULT OPN]

219 07/25/90 SFG STREETMAN 17 1 "...KEEP IT AS OPEN-ENDED AS POSSIBLE PER BILL SHIPMAN BECAUSE HE SAID HE HATED TO START WRITING A LOT OF STUFF IN HERE, THIS VIOLATION, WE'RE STILL PULLING STRINGS AND IT'S STILL UNRAVELING REAL BAD." [TO DANNEMILLER].

219 07/25/90 SFG STREETMAN 17 9 "WE'RE INITIATING A LOT OF INVESTIGATION IN OTHER PLACES, AND WE FOUND FOR EXAMPLE IN LA THEY HAVE SAFEGUARD HAS NOT BEEN TOUCHED BY BECHTEL." TOLD DANNEMILLER THERE ARE SAFEGUARDS DOCS WHICH HAVEN'T BEEN REVIEWED FOR REPORTABILITY.

219 07/25/90 SFG STREETMAN 18 6 STREETMAN & DANNEMILLER DISCUSS GOING TO LA, ATLANTA (THEY DID ALTERNATE PESB DESIGN), AND BECHTEL (INVENTORY OF VAULT). STREETMAN ACKNOWLEDGES REASONABLE BELIEF OF UNCONTROLLED SAFEGUARDS - DANNEMILLER SAYS THAT FORMS BASIS FOR MAKING A REPORT.

219 07/25/90 SFG DANNEMILLER 22 7 RELATES ISSUE OF GA PWR/VOGTLE NON-CONSERVATIVE THINKING PROCESS. [TO STREETMAN].

219 07/25/90 SFG DANNEMILLER 23 16 "...IT WAS SAFEGUARDS...AND FROM 10:30 IN THE MORNING UNTIL 3:00 IN THE AFTERNOON WE ARGUED WITH THE CORP. OVER WHETHER OR NOT THE DOCUMENT WAS REPORTABLE, AND THE CORP. IS THE ONE WHO EVENTUALLY MADE A DETERMINATION THAT IT WAS REPORTABLE. [STREETMAN].

219 07/25/90 SFG DANNEMILLER 23 24 "GEORGE BOCKHOLD AND I SAT IN THE OFFICE, TALKED TO -- ON THE PHONE WITH KEN MCCOY, WHO HAD PAUL RUSHTON TALK TO ME THEN, LATER, WHO MADE THE DETERMINATION THE DOCUMENT WAS REPORTABLE. SO, THE CORP. OFFICE MADE THAT DETERMINATION, NOT ME." [STREETMAN].

220 07/26/90 SFG GUTHRIE 27 7 "JIM CALLED ME AND HE WAS PISSED OFF BECAUSE...HE REVIEWED THOSE DOCUMENTS OR HIS STAFF, AND THEY SAID OH THEY'RE NOT EVEN SAFEGUARDS. [INAUD] SENT OVER TO ME, AND I SENT THEM BACK AND TOLD HIM THAT I BELIEVED ONE OF THEM WAS SIGNIFICANT." [AM,TD].

220 07/26/90 SFG GUTHRIE 28 8 "I TRIED TO STEER BILI SHIPMAN AND JIM BAILEY TO THAT DOC. YESTERDAY AND THEY DIDN'T WANT TO HEAR NONE OF IT." [TO MOSBAUGH, DANNEMILLER RE REPORTING NUREG 1304].

223 07/27/90 SFG FREDERICKS 33 16 "...BUT NOBODY LOOKED IN THE NON-WORK AREAS. AND, LC AND BEHOLD, GUESS WHERE SOME OF THESE DOCS APPEARED, IN NON-SAFEGUARDED CONTAINERS." PROVIDED DETAILS OF LOCKED SAFE IN LA. [TO MOSBAUGH].

226 07/30/90 SFG DANNEMILLER 42 19 TO MOSBAUGH ABOUT STREETMAN AND BABB'S INVESTIGATION IN ATLANTA. "PROGRAMMATIC BREAKDOWN...THEY EVEN SAY SO. THEY LEFT THE WORD PROGRAMMATIC IN THERE."

226 07/30/90 SFG DANNEMILLER 48 17 TO GREENE ABOUT STREETMAN AND BABB'S INVESTIGATION IN ATLANTA. "TOM, MY IMPRESSION IS THE CORPORATE OFFICE IS REALLY DODGING THE ISSUE [PROGRAMMATIC SFG BRKDN]. I'VE MADE MY STRENUOUS REPRESENTATIONS TO...SHIPMAN...BAILEY...WE'RE DOING...DUMB STUFF."

226 07/30/90 SFG DANNEMILLER 49 13 TO MOSBAUGH ABOUT POTENTIAL SFG CONTROL PROBLEMS AT HATCH AND FARLEY BECAUSE OF PROGRAMMATIC BREAKDOWN AT DESIGN AGENCIES. TELLS MOSBAUGH THAT HE THINKS THE CORPORATE AND OFF-SITE "GUYS ARE MAD AT ME" FOR PUSHING THE REPORTABILITY ISSUE.

227 07/30/90 SFG MOSBAUGH 10 8 TALKS TO AUFDENKAMPE ABOUT AMY STREETMAN AND MARTIN BABB BEING IN ATLANTA WITH THE DESIGN GROUP THAT DID THE VEGP PESB. HE SAID, "MOYE STARTED ASKING HIM [BABB] ABOUT WHAT THEY WERE FINDING, AND MARTIN SAID, 'I DON'T WANT TO TALK ABOUT ANY OF IT.'"

267 08/29/90 SFG RUSHTON 56 20 "THAT DOESN'T NECESSARILY MAKE IT SO UP HERE [IN BIRMINGHAM]." IN RESPONSE TO DANNEMILLER TELLING HIM THAT ALL VEGP SAFEGUARDS CONTAINERS ARE MARKED, AND HAVE AN "OPEN" OR "CLOSED" TAG ON IT.

269 08/30/90 SFG DANNEMILLER 5 17 TALKS TO MOSBAUGH ABOUT HAVING BEEN SENT TWO BOXES OF "STUFF" FROM SOMEWHERE FOR VEGP REVIEW FOR SAFEGUARDS. HE THINKS CORP. WANTS IT DESTROYED. MOSBAUGH TALKS ABOUT RUSHTON'S AND AJLUNI'S LACK OF SECURITY/SAFEGUARDS BACKGROUND.

269 08/30/90 SFG DANNEMILLER 11 18 TELLS MOSBAUGH THAT MITCHELL LEAVES THE UNRECOGNIZED SAFEGUARDS CONTAINER OPEN IN HIS OFFICE ALL DAY [SOMETIMES UNATTENDED], BUT THAT "THE STORY" IS THAT THE CONTAINER WAS ALWAYS SECURED AT THE END OF THE DAY.

269 08/30/90 SFG DANNEMILLER 12 5 "PAUL [RUSHTON] SOUNDS LIKE HE WAS TRAINED BY SHIPMAN...THAT'S EXACTLY THEIR [SONOPCO'S] APPROACH--SINK YOUR HEELS IN AND...DO THE MINIMUM AND FIGHT THEM [NRC] OVER THE MINIMUM." [TO MOSBAUGH.]

269 08/30/90 SFG ODOM 59 13 "WE CAN'T STAND ANOTHER REPEAT
EVENT...WHAT WAS THE LAST TIME, 50 GRAND?...SO MANY OF THEM WE
CAN'T KEEP TRACK OF THEM." [TO MOSBAUGH, SHEBANI RE THE TWO BOXES
OF MAT'L BEING ANOTHER REPORTABLE SAFEGUARDS EVENT.]

EXHIB

1. REQ FOR INV 11/1/90
2. ADDENDUM REQ FOR INV. 6/19/90
3. NRC CONF OF ACT LTR TO GPC 3/23/90
4. MOSBACH'S WRITTEN ALLEG RE
EDG MFS'S, REC'D 6/13/90
5. TRANSCRIPT OF MOSBACH INTV 7/18/90
6. " " " " 7/19/90
7. " " " " 11/4/93
8. CSI REPORT ON ALLEGATION PORTION
OF INSPECTION, _____
9. DIESEL TESTING TRANSPARENCY, ~~4/1/90~~
10. QUARANTINE COMPONENTS "
11. UNIT 1 CONTROL LOG, 3/20/90-4/8/90
12. CASH'S LIST OF STARTS (1A)
13. " " " " (1B)

B/S

COMPLETE LIST OF EDG STATEMENTS

9 19900323 FREDERICKS 4 17 COMMENTED THAT HE BELIEVED THAT IF THE DIESEL WAS AN AIRPLANE, GEORGE WOULD NOT GO UP IN IT.

10 19900323 WEBB 11 5 "BUT IT TRIPPED." [DISCUSSING EDG WITH KOCHERY & MOSBAUGH].

10 19900323 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FREDERICKS, HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY.

10 19900323 FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY (CRITIQUE TEAM MEETING)].

10 19900323 COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 CASH 14 20 "THEY DIDN'T RESET ANYTHING ON THE LOCAL CONTROL PANEL. BOTH OF THE ALARMS CAME IN." [CASH PERSONALLY FAMILIAR WITH 03-23-90 TRIP].

10 19900323 CASH 15 1 COMMENT SHOWS CASH'S PERSONAL KNOWLEDGE OF 03-23-90 1B DIESEL TRIP.

10 19900323 CASH 16 9 "I LEFT THE HIGH TEMPERATURE OUT, AND THE TRIP FOR TWO DIFFERENT PRESSURES (IN AUDIBLE) IT'S A ONE OUT OF ONE ON TRIP, CORRECT." [TO FREDERICKS, KOCHERY, BRINEY, RE: 03-23-90 1B DIESEL TRIP].

10 19900323 COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERY, BRINEY, HOLMES, MOSBAUGH].

10 19900323 COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERY, CASH, HOLMES, BRINEY].

10 19900323 CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY.]

e/b

10 19900323 FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES, POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY, CASH.]

10 19900323 BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 KOCHERY 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH, BRINEY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 CASH 24 13 "...YOU GOT TWO ALARMS. ONE IS HIGH LUBE OIL OUT, HIGH LUBE OIL TEMP. OUT, IT'S 190 DEGREES." [TO BRINEY, KOCHERY, FREDERICKS, MOSBAUGH]

10 19900323 HOLMES 28 19 SAID THE JACKET WATER TEMP. SENSORS (CALCON SWITCHES) HAD TO BE RECALIBRATED EVERY TIME. [TO CASH AND VEGP CRITIQUE TEAM] [REITERATES ON P.31, L^{ine} 12]

10 19900323 HOLMES 33 11 SAID NOTHING HAS BEEN DONE TO CORRECT CALCON CALIBRATION PROBLEM. "JUST BEEN LIVING WITH IT." [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 COURSEY 41 11 "...WHAT HE'S GOT TO CALIBRATE IS A PIECE OF GARBAGE [CALCON SWITCHES], AND HE KNOWS THEY'RE ALL GOING TO BLOW." ["HE" COULD BE BRINEY OR VENDOR REP, SHELDON] [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 BRINEY 46 15 "TOO MANY PEOPLE IN THE BOAT..." [TO CASH AND VEGP CRITIQUE TEAM] CONFLICT BETWEEN DIRECTION FROM CRITIQUE TEAM AND OUTAGE MANAGEMENT.

41 19900411 BOCKHOLD 8 4 DISCUSSES NRC GIVING OK TO GO TO MODE 3. [TO LACKEY, MOSBAUGH]

41 19900411 LACKEY 8 22 TALKS ABOUT GOING TO MODE 3 24 HOURS AFTER MODE 4. [TO BOCKHOLD, MOSBAUGH]

41 19900411 BURWINKLE 21 13 TALKS ABOUT LACK OF SET PROCEDURE FOR MEASURING DEWPOINT (AIR QUALITY) [TO STEELE, MOSBAUGH].

41 19900411 BOCKHOLD 40 4 TALKS ABOUT NOT LOSING ANY TIME GETTING BACK TO MODE 1, PER PROJECTION. [TO PARTON, HORTON, MOSBAUGH].

41 19900411 BOCKHOLD 43 5 COMMENTS ABOUT NOT DOING GOOD PM'S ON CHECKING AIR DRYER QUALITY FROM 5/88 TO 5/89. [TO KOCHERY, MOSBAUGH]. WOULD THAT FACT AFFECT "THE STATEMENT WE MADE IN OUR LETTER?"

41 19900411 BOCKHOLD 44 7 TALKS ABOUT PM PROGRAM BEING "SUSPECT" IN '89. SAID WE DON'T KNOW IF WE HAD GOOD AIR OR BAD AIR. [TO KOCHERY, MOSBAUGH].

41 19900411 BOCKHOLD 46 9 TALKED ABOUT FSAR REQUIREMENTS AND SOMETIMES NOT BEING ABLE TO MEET THEM. CONCERNED ABOUT HAIRSTON LETTER [COAR RESPONSE 4/9]. STATEMENTS ABOUT AIR QUALITY STILL BEING "VALID." [TO KOCHERY, MOSBAUGH].

41 19900411 BOCKHOLD 50 16 "...ON THE 29TH [MAR 90] OR SO, WE GOT A CRUMMY READING AND NOBODY KNEW ABOUT IT UNTIL MILT HUNT PICKED IT UP." [TO BURMEISTER, MOSBAUGH, STOKES].

41 19900411 MOSBAUGH 50 21 "GEORGE [BOCKHOLD], WE HAD A BAD READING [DEWPOINT/AIR QUALITY] TODAY [4/11/90] 60 DEGREES ON THE 2A DIESEL."

41 19900411 HORTON 51 4 "HAVEN'T WE GOT ANY GOOD READINGS?" [RE: EDG DEWPOINT/ TO BOCKHOLD].

41 19900411 BOCKHOLD 51 6 "NOT ON 2A, 2B." [RESPONDING TO HORTON WHO ASKED IF THERE HAD BEEN ANY GOOD DEWPOINT READINGS].

41 19900411 BOCKHOLD 51 11 "ACTUALLY, I HEARD ABOUT IT JUST BEFORE THE MEETING WITH THE NRC." [TO HORTON, KOCHERY, MOSBAUGH, BURMEISTER RE:BAD DEWPOINT READING].

41 19900411 KOCHERY 52 5 TOLD BOCKHOLD THAT "THEY" STILL RUN THE DIESEL COMPRESSOR EVEN WITH THE AIR DRYERS OUT OF SERVICE.

41 19900411 BOCKHOLD 52 6 "I'LL WRITE A NOTE TO SKIP KITCHENS ON THIS THING." [ACKNOWLEDGES KOCHERY'S NOTIFICATION ABOUT RUNNING COMPRESSORS WITH AIR DRYERS OUT OF SERVICE].

41 19900411 MOSBAUGH 54 1 SUMMARIZED HIS AIR QUALITY CONCERNS.

41 19900411 BEACHER 74 11 COMMENTED TO MOSBAUGH AND AUFDENKAMPE ABOUT TELECOPYING AN APPARENTLY INCOMPLETE DEWPOINT MEASUREMENT HISTORY FOR PAST YEAR TO CHAFFEE (NRC), BROCKMAN (NRC), LOUIS WARD, & KEN BURR.

42 19900411 MOSBAUGH 2 16 TO BURWINKLE ABOUT BOCKHOLD CONCLUDING NO AIR QUALITY PROBLEM BECAUSE OF NO CORROSION IN TANK AND NOTHING ON THE FILTER. NOT A COMPREHENSIVE EVALUATION.

42 19900411 BURWINKLE 5 7 "YUP, WHEN YOU GET WATER IN THE PNEUMATIC RELAY, THEY DO GO TO SHIT." "...THERE WERE A COUPLE THAT SHOT WATER AND WE REPLACED AND REPLACED..." "...THEM REGULATORS GOT THAT SMALL ORIFICE." [TO MOSBAUGH].

42 19900411 AUFDENKAMPE 13 1 TOLD MOSBAUGH THAT IT'S NOT GPC'S OBLIGATION TO TELL NRC THAT "WE" (GPC/VEGP) FEEL WE HAVE AIR PROBLEMS OR THAT WE FOUND AN AIR PROBLEM.

42 19900411 KOCHERY 28 7 TOLD MOSBAUGH THE A DIESEL HAD NO PROBLEMS, BUT B DIESEL TRIPPED TWICE SINCE 3/20/90 - A HIGH LUBE OIL TRIP ON 3/22/90.

57 19900419 KITCHENS 63 10 "GEORGE [FREDERICKS] POINTED OUT THERE WAS A FAILURE OF ONE OF THE B DIESELS RIGHT AFTER THE MAINTENANCE WORKED ON IT." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 KITCHENS 63 16 "IT WASN'T OPERABLE [B DIESEL] SO WE DON'T WANT TO MAKE A STATEMENT WITH NO FAILURES AND NO PROBLEMS." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 KITCHENS 63 21 "...STARTED MORE THAN 20 TIMES EACH...WHATEVER NUMBER...MAKE SURE IT'S NOT A FALSE STATEMENT." [TO PRB RE:LER]

57 19900419 STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. JGA SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 AUFDENKAMPE 91 4 "WE THINK THAT'S BASICALLY A MATERIAL FALSE STATEMENT." [TO STRINGFELLOW, MOSBAUGH, REFERRING TO 20 STARTS WITHOUT FAILURES OR PROBLEMS SINCE MAR 20].

57 19900419 AUFDENKAMPE 91 7 "...WE KNOW FOR A FACT THAT THE B DIESEL TRIPPED AT LEAST ONCE AFTER MARCH 20TH." [TO STRINGFELLOW].

57 19900419 MOSBAUGH 91 8 "ACTUALLY, IT [B DIESEL] TRIPPED TWICE AFTER MARCH 20TH, OR IT HAD AT LEAST TWO SEPARATE PROBLEMS." [TO STRINGFELLOW].

57 19900419 STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 STRINGFELLOW 94 11 RECOGNIZED THEY "WERE DOWN TO " THE "20 TIMES EACH" QUESTION IN THE WORDING OF THE LER. [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 STRINGFELLOW 96 8 "IT JUST DAWNED ON ME WHAT AL WAS SAYING A MINUTE AGO. IN OTHER WORDS, IF WE SAY NO FAILURES OR PROBLEMS OCCURRED IN ANY STARTS, YOU'RE SAYING THAT'S NOT TRUE." "OH, WONDERFUL, O.K." [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 AUFDENKAMPE 96 15 "BECAUSE, YOU KNOW, WE...THIS HAS BEEN WRITTEN TO THE NRC ONCE ALREADY." [STRINGFELLOW RESPONDS BY SAYING THAT WAS EXACTLY WHAT HE WAS THINKING].

57 19900419 MOSBAUGH 97 4 ASKED AUFDENKAMPE IF HE HAD HAIRSTON'S COAR LETTER, "BECAUSE THAT'S THE ONE..." - AUFDENKAMPE INTERRUPTED SAYING "WHERE THEY LIED...I MEAN THEY..." MOSBAUGH FINISHED THE THOUGHT BY SAYING, "...MADE THAT STATEMENT [NO FAILURES OR PROBLEMS] PREVIOUSLY."

57 19900419 SHIPMAN 100 23 [TO MOSBAUGH] TRYING TO GET "ALL THE HAIRSTON QUESTIONS ANSWERED." WHAT OPERATORS DID BEFORE TRYING TO RESTART THE DIESEL.

57 19900419 SHIPMAN 103 25 TOLD MOSBAUGH HE HAD NO PROBLEM WITH THE WAY THE OPERATOR ACTION WAS DESCRIBED IN THE PROPOSED LER [IMMEDIATELY RESET ANNUNCIATORS], BUT THAT HAIRSTON HAD A PROBLEM WITH IT.

57 19900419 SHIPMAN 104 8 "OTHER QUESTION WE'VE BEEN TRYING TO GET AN ANSWER TO IS TO REASSURE GEORGE [HAIRSTON] THAT WE HAD MORE THAN 20 VALID STARTS SINCE MARCH THE 20TH, LIKE WE SAY IN THE LER." [TO MOSBAUGH] MOSBAUGH TOLD SHIPMAN THERE'S A PROBLEM WITH THE WAY THAT'S STATED.

57 19900419 SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLL] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

57 19900419 MOSBAUGH 105 5 "... THE B MACHINE, ON 3-22 AT 12:43 THE MACHINE TRIPPED ON HIGH LUBE OIL TEMPERATURE." [TO SHIPMAN].

57 19900419 SHIPMAN 105 18 "WE COULD SOLVE THE PROBLEM THAT'S CREATED BY THAT INFORMATION [THE 3-22 TRIP] BY SAYING NO VALID FAILURES." [TO MOSBAUGH].

57 19900419 MOSBAUGH 105 21 "I THINK WE GOT ANOTHER ONE [FAILURE]. IT IS ON 3-23 ATG 17:31. THE B MACHINE ...TRIPPED ON LOW JACKET WATER PRESSURE/LUBE OIL PRESSURE LOW." [TO SHIPMAN, STRINGFELLOW].

57 19900419 SHIPMAN 106 4 "...THIS THING'S ALREADY BEEN THROUGH THE PRB A COUPLE OF TIMES. HOW IN THE WORLD DID IT GET THROUGH THE PRB?" [TO MOSBAUGH, STRINGFELLOW].

57 19900419 SHIPMAN 107 20 "IT SOUNDS LIKE THIS WHOLE STATEMENT [DIESEL STARTS WITH NO FAILURES OR PROBLEMS] NEEDS TO BE STRICKEN." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 SHIPMAN 108 8 "CERTAINLY, IF IT'S NOT A VALID STATEMENT, WE WOULD NEED TO GET IT THE HECK OUT OF HERE REGARDLESS OF WHAT GEORGE TOLD EBNETER." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

57 19900419 SWARTZWELDER 115 25 TALKED ABOUT HAIRSTON NEEDING TO TALK TO OPERATORS WHO RESET ANNUNCIATORS ON DIESEL IN SITE AREA EMERGENCY. IS CONCERNED ABOUT SPECIFICALLY LETTING THESE OPERATORS KNOW THAT HAIRSTON WILL NOT YELL AT THEM. [TO CASH, MOSBAUGH].

57 19900419 AUFDENKAMPE 118 25 "WHAT BIRMINGHAM IS THINKING NOW IS THEY MADE A MATERIAL FALSE STATEMENT IN THE APRIL 9TH LETTER. [TO MOSBAUGH, ODOM].

57 19900419 WEBB 123 19 "WE NEED TO GET RID OF THE STATEMENT IN THE LER ABOUT HOW MANY FAILURES OR HOW MANY TESTS YOU'VE GOT

ALTOGETHER, OR ELSE CORRECT THE MISCONCEPTION THAT WE GENERATED ON 4-9. I DON'T KNOW IF WE SHOULD TRY TO CONTINUE THE MISCONCEPTION..."[AM, ODOM, AUFDEN]

58 19900419 HAIRSTON 2 4 PUT WORDS IN EQUIPMENT OPERATOR'S MOUTH ABOUT CHECKING GAGES ON DIESEL BEFORE PUSHING RE-START BUTTON. [DELOACH, MOSBAUGH, SWARTZWELDER].

58 19900419 HAIRSTON 5 16 DISCUSSED WORDING OF LER. [MOSBAUGH, SWARTZWELDER, DELOACH].

58 19900419 MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 BOCKHOLD 9 6 TOLD MCCOY THAT EDG START COUNT NUMBERS IN 4/9 PRESENTATION BEGAN AFTER COMP. TEST PROGRAM. [EITHER DOESN'T KNOW OR IS B.S. ING MCCOY].

58 19900419 SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 SHIPMAN 10 8 STATED HIS AWARENESS OF HAIRSTON PERSONALLY INTERVIEWING EQUIP. OPERATORS THAT RE-STARTED EDG AT SITE AREA EMERGENCY.

58 19900419 SHIPMAN 11 2 SUSPECTED HAIRSTON OF "LEADING" THE EDG EQUIP. OPERATOR INTO SAYING WHAT HAIRSTON WANTED HIM TO SAY.

58 19900419 HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 BURWINKLE 19 19 "HAVE YOU GUYS FIGURED OUT HOW COME THE DIESEL STARTS WHEN IT AIN'T SUPPOSED TO?"

58 19900419 SHIPMAN 20 20 "...AND THEY SHOULD NOT BE INCLUDED BECAUSE THAY WERE PART OF THE RETURNING TO SERVICE OF THE DIESEL..." [RE: 3/22 AND 3/23 TRIPS] [MOSBAUGH, AUFDENKAMPE].

58 19900419 SHIPMAN 23 7 "THE PROBLEM WITH THAT IS THAT THAT NUMBER [EDG STARTS] IS GOING TO BE SIGNIFICANTLY LESS THAN WHAT GEORGE TOLD MR. EBNETER, AND, YOU KNOW, IT'S GOING TO CREATE A SELLING JOB FOR ME, I THINK, BUT EVENTUALLY THAT'S THE ONLY WAY WE CAN TELL A VALID STORY..

58 19900419 SHIPMAN 23 8 "...[CONT. OF PG. 23, LINE 7] THAT YOU KNOW, WE CAN DEFEND. IF SOMEBODY CALLS ALLEN MOSBAUGH, BILL SHIPMAN, AND JOHN AUFDENKAMPE AGAIN TO TESTIFY, THAT'S THE STORY I WANT TO TELL." [TO MOSBAUGH, AUFENDKAMPE RE COUNTING STARTS AFTER DIESEL DEC. OPERABLE]

58 19900419 SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER] "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

58 19900419 AUFDENKAMPE 34 12 STATED THAT IT REALLY DOESN'T MATTER WHAT START COUNT IS PUT IN THE LER, BECAUSE IF NRC DISAGREES, GPC WILL JUST ISSUE A REVISION [TO MOSBAUGH].

58 19900419 CASH 35 19 STATED NOT SURE IF HE TOLD BOCKHOLD ABOUT FAILURES IN EDG COUNT FOR NRC PRESENTATION. SAID BOCKHOLD KNEW ABOUT FAILURES. [TO MOSBAUGH, AUFDENKAMPE].

58 19900419 CASH 36 3 STATED HE STARTED EDG START COUNT ON 3/20, THE THREE MAINTENANCE STARTS ON NIGHT OF 3/20. [TO: MOSBAUGH, AUFDENKAMPE].

58 19900419 AUFDENKAMPE 36 23 "WE DIDN'T COUNT THE FAILURE, THOUGH." [RE MOSBAUGH'S QUESTION TO CASH ABOUT START FAILURES SINCE 3/20] [AUFDENKAMPE IS REMINDING MOSBAUGH THAT THEY'RE STARTING THE COUNTS IN THE LER AS OF THE END OF THE COMPREHENSIVE TESTING].

75 19900430 AUFDENKAMPE 31 10 "IT SOUNDS LIKE THE MATERIAL FALSE STATEMENT HAS BEEN MADE IN THE LER." [TO MOSBAUGH] [MOSBAUGH HAS A MORE COMPREHENSIVE LIST OF EDG START DATA].

75 19900430 MOSBAUGH 35 2 "I COMPLETED MY REVIEW. I FINALLY SORTED OUT ALL THE STARTS, I THINK." [TO TYNAN] [MOSBAUGH GIVING THIS DATA TO BOCKHOLD].

75 19900430 TYNAN 35 21 "THIRTEEN, FIFTEEN, AND SEVENTEEN ARE RIGHT SMACK IN THE MIDDLE." [TO MOSBAUGH ABOUT EDG PROBLEMS IN THE SERIES OF STARTS].

75 19900430 BEACHER 43 9 STATED THAT CHAFEE WANTS A LIST OF A SEQUENCE OF EDG STARTS FROM THE POINTS BOTH EDG'S WERE DECLARED OPERABLE [TO MOSBAUGH].

75 19900430 MOSBAUGH 47 17 SHOWED KITCHENS THE COMPREHENSIVE LIST OF EDG STARTS AND POINTED OUT FAILURES. [TO KITCHENS].

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75 19900430 SWARTZWELDER 53 12 A CONVERSATION WITH MOSBAUGH ABOUT "PROBLEMS" IN MOSBAUGH'S COMPREHENSIVE EDG START LIST. [TO MOSBAUGH, KITCHENS].

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75 19900430 CASH 56 10 INVOLVED WITH VERIFICATION OF MOSBAUGH'S COMPREHENSIVE LIST OF EDG STARTS. [MOSBAUGH].

76 19900430 MOSBAUGH 2 8 TALKED ABOUT REVIEWING HIS COMP. LIST OF EDG STARTS WITH KITCHENS, CASH, SWARTZWELDER ON 4/30. [MOYE, HORTON].

76 19900430 AUFDENKAMPE 9 2 "JIMMY PAUL CASH SAID HE HAD RESEARCHED THE OPERATOR LOGS TO DETERMINE HOW MANY STARTS THERE WERE WITHOUT PROBLEMS..." [MOSBAUGH].

76 19900430 BOCKHOLD 30 18 "THEN WE HAVE TO OBVIOUSLY REVISE THE LER." [TO MOSBAUGH AFTER MOSBAUGH POINTED OUT START PROBLEMS ON HIS COMP. LIST].

76 19900430 BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

83 PARTON 7 5 "WHAT SHOULD THE LER SAY?" [TO MOSBAUGH RE REV 1 TO THE LER].

95 19900504 SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

95 19900504 CHAFEE 28 22 TALKS ABOUT FOREIGN MATERIAL PROBLEMS IN SWITCHES. VEGP PEOPLE STILL NOT SURE OF CAUSE OF SWITCH PROBLEMS. [MOSBAUGH, LOUIS WARD, AUFDENKAMPE, BROCKMAN AND OTHER UNIDENT. VEGP PEOPLE].

95 19900504 MOSBAUGH 43 19 "WELL, BASED ON THE WYLIE TESTING AND THE DEBRIS FOUND IN THE SWITCH, THEY [NRC] STARTED USING THE WORD OPERABILITY." [TO BOCKHOLD ABOUT NRC [BROCKMAN, CHAFEE] AWARENESS OF DEBRIS IN CALCON SWITCH].

95 19900504 BOCKHOLD 46 7 TALKED ABOUT LETTER TO NRC RE S.A.E. AND SAID SOME MINOR ITEMS ARE "NOT THE NRC'S BUSINESS." [TO MOSBAUGH AND OTHER VEGP MANAGERS].

95 19900504 BOCKHOLD 55 21 "NOW I HEARD JOHN GIVE ME SOME SONG AND DANCE THAT WE'D LIKE TO KEEP 'WILL BE REVISED BY' SO WE DON'T MAKE MATERIAL FALSE STATEMENTS AND CHANGE THE WORDS AFTER THE FACT." [MOSBAUGH & VEGP MGRS ABOUT DRAFTING 5/14/90 LTR TO NRC RE COR. ACTIONS ON S.A.E.].

98 19900508 SWARTZWELDER 60 5 TALKED ABOUT REV 1 TO 4/19/90 LER IN PRB. [TO MOSBAUGH, AUFDENKAMPE, FREDERICKS].

99 19900508 MANSFIELD 44 2 "AND WE CONTINUED TO FIGHT WITH THE NRC THROUGH THE ITT." [TO MOSBAUGH, HORTON].

99 19900508 MANSFIELD 44 19 "...THE ATTITUDE IS WE'RE NOT GOING TO GET OUR LICENSE IF WE DON'T DO WHAT THEY [NRC] WANT. NOW WE'VE GOT OUR LICENSE AND WE'RE FIGHTING." [TO MOSBAUGH].

99 19900508 MANSFIELD 48 7 "THE WORST THING THAT CAN HAPPEN IS THAT YOU DON'T OPERATE IT SAFELY AND YOU INJURE PEOPLE." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 48 13 "...WE GO TO EXTREMES WITH TECH SPEC INTERPRETATIONS TO KEEP THIS PLANT RUNNING AND WE'VE DONE IT FOR YEARS." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 48 24 "WE [GPC/VEGP] HAVE AN ATTITUDE THAT BRINGING THIS PLANT DOWN IS THE WORST THING THAT COULD HAPPEN. AND IT'S NOT THE WORST THING THAT CAN HAPPEN." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

99 19900508 MANSFIELD 53 4 "...YOUR DEPARTMENT [OPS] IS PART OF THIS CLIQUE. [MEANING THE CLIQUE HE IS AFRAID TO TELL ABOUT VEGP'S ATTITUDE ABOUT KEEPING THE PLANT RUNNING.] [TO GREENE].

101 19900508 BOCKHOLD 1 15 "IS THERE SOMETHING BESIDES I'M SCREWING UP AND STARTING THE WRONG DIESEL...?" [TO MOSBAUGH AFTER MOSBAUGH NOTIFIED HIM ABOUT THE MISTAKEN START OF THE A DIESEL].

101 19900508 BOCKHOLD 2 24 "I WOULD DO NOTHING WITH IT EXCEPT FOR YOUR HAVING THE PEOPLE LOOK AT THE LER CORRECTION." [TO MOSBAUGH RE MISTAKEN START OF A DIESEL].

155 19900608 AUFDENKAMPE 43 8 EXPLAINED TO BAILEY LANGUAGE & BASES FOR CHANGE IN EDG STARTS IN LER REV 1. TOLD BAILEY BIRMINGHAM HAD THE APPROVED LER REV FOR AT LEAST TWO WEEKS. TOLD BAILEY HE WANTS TO CORRECT THE COAR IN THE COVER LTR. TO LER REV.

[BAILEY ON PHONE, MOSBAUGH].

158 19900611 MOSBAUGH 8 23 SAID NRC ITT TEAM AWARE OF DIESEL PROBLEM HISTORY AT VEGP. CITED 100 PLUS WORK ORDERS ON SWITCHES. [HORTON].

159 19900611 AUFDENKAMPE 5 17 "HAIRSTON WON'T SIGNOUT THE LER." [WEBB, MOSBAUGH] [RE REV 1, LER THAT WAS PRE APPROVED AND SENT TO BIRMINGHAM IN MID-MAY].

159 19900611 AUFDENKAMPE 6 6 "THEY'RE GOING TO HAVE QA AUDITS." [BIRMINGHAM GOING TO HAVE VEGP SITE QA DO AN AUDIT ON THE DIESEL START COUNTS] [TO MOSBAUGH, WEBB].

159 19900611 FREDERICKS 7 11 "SHOULDN'T TAKE MORE THAN A COUPLE OF DAYS. I WAS GIVEN THE GUIDELINES THAT IT HAD TO BE DONE BEFORE THE LER WOULD BE SIGNED." [TO MOSBAUGH].

159 19900611 AUFDENKAMPE 11 3 TALKED ABOUT HOW THE CORPORATE PEOPLE IN BIRMINGHAM WERE GOING TO TELL NRC THAT THE INACCURATE LOGS CAUSED EDG COUNT PROBLEM. [TO MOSBAUGH].

159 19900611 SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSBAUGH RE REV TO LER].

159 19900611 MOSBAUGH 38 9 TALKED ABOUT NOT BEING ABLE TO USE "VALID" IN LER REV TO REFER TO EDG TESTS. [TO ODOM].

160 19900612 WEBB 5 18 "GEORGE [BOCKHOLD] DID. HE SAID HE WANTED NEW -- NEW INFO." [BOCKHOLD INSTRUCTED WEBB TO USE THE VALID START TERMINOLOGY IN THE LER REV] [TO MOSBAUGH].

160 19900612 MOSBAUGH 8 13 "THERE'S A LOT WRONG WITH IT [LER REV], AND I WOULD JUST BE REAL CAUTIOUS IF I WERE YOU." [TO AUFDENKAMPE].

160 19900612 AUFDENKAMPE 9 11 "I THINK WE OUGHT TO JUST GO TELL

THE RESIDENTS WE LIED IN THE FIRST LER... AND THE LETTER." [TO MOSBAUGH].

160 19900612 AUFDENKAMPE 10 4 "NOBODY IS GOING TO WRITE A LETTER AND SAY WE LIED TO YOU THE FIRST TIME, NRC." [TO MOSBAUGH, JUSTIFYING HIS IDEA TO GO TELL THE RESIDENTS].

160 19900612 HORTON 23 14 "I ASSUME FROM CORPORATE MEETING. THEY'RE CHANGING THE RESPONSE...THE LER." [TO MOSBAUGH, FREDERICKS].

160 19900612 FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG STARTS].

160 19900612 FREDERICKS 24 10 "I'M SUPPOSED TO NOT ONLY COME UP WITH A NUMBER; I'M SUPPOSED TO COME UP WITH WHY THE DISCREPANCY EXISTS." [TO MOSBAUGH RE EDG START COUNT].

160 19900612 FREDERICKS 24 25 "HOW COULD THEY [CORPORATE] HAVE REVVED THE NUMBERS? THEY DON'T HAVE THE NUMBERS." [TO MOSBAUGH].

160 19900612 FREDERICKS 25 4 "SOMEBODY CHANGED IT TO SAY 'VALID' STARTS." [TO MOSBAUGH RE LER REV].

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160 19900612 HORTON 30 1 "WELL, THE CONSISTENCY IS DOWN THE TUBE BECAUSE THE FIRST LER THAT WENT OUT IS INCORRECT." [TO AJLUNI, FREDERICKS, MOSBAUGH].

160 19900612 AJLUNI 33 6 TALKED TO HORTON AND FREDERICKS ABOUT THE CHANGES IN EDG START INFO FROM COAR TO LER TO REV1 OF LER.

167 19900615 AUFDENKAMPE 23 21 "I BRIEFED THE RESIDENTS, AND THEY TALKED TO BROCKMAN, AND THEY SAID THAT WAS FINE." [TO MOSBAUGH RE TELLING NRC OF INCORRECT STATEMENT IN LER].

167 19900615 AUFDENKAMPE 23 23 "I TOLD THEM THAT WE HAD AN INCORRECT STATEMENT IN THE LER." [TO MOSBAUGH ABOUT TELLING NRC RESIDENTS].

167 19900615 MOSELY 67 14 "I'VE TABULATED THE DATA, BUT...HAVEN'T...DONE ANY COUNTING IN TERMS OF VALID FAILURES, VALID STARTS..." [TO MOSBAUGH] [MOSELY IS QA WHO OBTAINED EDG START DATA FOR FREDERICKS IN AUDIT FOR REV TO LER].

167 19900615 MOSELY 71 4 TOLD MOSBAUGH THAT BAILEY CALLED, LOOKING FOR BOCKHOLD, AND HAD ASKED HIM [MOSLEY] ABOUT VALID FAILURES.

168 19900618 ODOM 51 13 TALKED TO MOSBAUGH ABOUT STALLING ON A WAIVER, AND ABOUT A TOTAL RE-WRITE OF THE LER REVISION.

184 19900830 HORTON 7 2 "WELL, THERE'S TWO QUESTIONABLE THINGS WE GOTTA RESOLVE, WHETHER WE'RE GOING TO DECLARE THEM [STARTS] SUCCESSFUL OR NOT. ONE ON EACH [DIESEL] RIGHT IN THE MIDDLE OF THE STRING [OF STARTS]." [TO MOSBAUGH].

184 19900830 HORTON 7 23 "WE CAUSED THAT TRIP. IT WOULDN'T HAVE TRIPPED ON BLACK TUESDAY. I'LL LET GEORGE [BOCKHOLD] CALL THAT ONE."

184 19900830 HORTON 8 2 "THE B TRAIN IS THE ONE THAT YOU IDENTIFIED. WHERE IT DIDN'T TRIP, IT SHOULD HAVE." [TO MOSBAUGH ABOUT A DIFFERENT KIND OF EDG PROBLEM].

184 19900830 PARTON 9 7 "DID WE COME UP WITH AS MANY [SUCCESSFUL STARTS] AS WE THOLD THEM [NRC]?" [TO MOSBAUGH, HORTON].

184 19900830 HORTON 9 8 "NO, WE UNDERSTAND THAT." [TO PARTON, MOSBAUGH, IN RESPONSE TO PARTON'S QUESTION RE COMING UP WITH AS MANY SUCCESSFUL STARTS AS GPC TOLD NRC].

184 19900830 HORTON 15 22 "IT WAS AN UNPLANNED TRIP. I WOULD LIKE TO CALL IT AN UNPLANNED TRIP, HOWEVER, DECLARE IT A SUCCESS." [TO AUFDENKAMPE, MOSBAUGH, BOCKHOLD].

184 19900830 BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

184 19900830 GREENE 30 21 "IT'S EXPLAINED IN DETAIL IN THE PAPER...IT ISN'T A CASE OF TAKE IT OUT OF HERE AND IT'S LOST. [TO HORTON, AUFDENKAMPE, MOSBAUGH, BOCKHOLD RE TAKING OUT EXPLANATORY PHRASE IN COVER LETTER ABOUT MORE STARTS THAN REPORTED].

184 19900830 BOCKHOLD 32 5 "WHY, IF IT AIN'T IN THE TABLE, WHY FLAG IT IN THE PORTION OF THE LETTER?" [TO GREENE, HORTON, AUFDENKAMPE, MOSBAUGH].

184 19900830 HORTON 33 9 HORTON HAS A PROBLEM WITH USING THE WORDS "APPEAR TO BE THE RESULT OF" WHEN REFERRING TO THE ERRORS IN THE 4/9 LETTER & ORIGINAL LER. HE THINKS IT SHOULD BE "WERE THE RESULT OF." [TO BOCKHOLD, GREENE, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

186 19900629 FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 FREDERICKS 40 25 "...AND WHEN IT [COAR] SAYS 'NO PROBLEMS OR FAILURES DURING ANY OF THESE STARTS' THAT BURNS YOU UP." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 FREDERICKS 42 22 "...WHAT THEN THEY'RE [CORPORATE] GOING TO DO IS SAY A MORE ACCURATE MEASURE OF THE RELIABILITY WAS THE VALID..." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE...I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 ODOM 47 21 "I DON'T KNOW WHERE IT ['SUBSEQUENT TO THE EVENT' TERMINOLOGY] CAMEFROM. I JUST CALLED HARRY [MAJORS] AND TOLD HARRY, 'STOP THE PRESS. IT'S NOT RIGHT.'" [TO MOSBAUGH, TYNAN].

186 19900629 TYNAN 47 24 "WHY CAN'T WE GET THROUGH WHAT WE [PRB] KEEP APPROVING AND SENDING OFF SITE?" [TO MOSBAUGH, ODOM RE DRAFTS OF LER REV'S].

186 19900629 ODOM 48 13 "YOU WRITE THE NRC AND TELL THEM THE FALSE STATEMENT IN THE REVISION...YOU DON'T TRY A MINOR

TYPORGRAPHIC ERROR. YOU TELL WHY YOU KNOW." [TO MOSBAUGH, TYNAN RE LER REV].

187 19900629 WEBB 3 15 "...IT GIVES THE IMPRESSION THAT ALL THE TESTS AFTER THAT MAY HAVE BEEN SURVEILLANCE PROCEDURES TOO, AND THEY WEREN'T. ...THERE WERE INVALID TESTS IN THERE ALSO." [TO MOSBAUGH RE LER REVS].

187 19900629 WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

?????

187 19900629 MOSBAUGH 14 16 "I'M JUST SAYING THAT THE REV PROPOSED ON 5/8 IS NO DIFFERENT THAN THIS [6/29]. NOW WHY WASN'T THAT SUBMITTED?" [TO WEBB, TYNAN].

187 19900629 FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 HORTON 20 12 "WELL, WHAT WAS WRONG WITH OUR DIESEL START RECORD KEEPING PRACTICES?" [TO FREDERICKS, MOSBAUGH, RE WHETHER PRACTICES WERE CAUSE OF FALSE DATA GIVEN TO NRC 4/9].

187 19900629 FREDERICKS 26 23 "THE SHIFT SUPERVISOR'S LOG IS NOT AN ACCURATE RECORD OF WHAT HAPPENED." [TO MOSBAUGH, HORTON].

137 19900629 MOSBAUGH 42 9 PUTS GREENE ON NOTICE THAT ATTRIBUTING THE ERROR IN EDG STARTS TO POOR RECORD PRACTICES/END OF TEST PROGRAM IS NOT TRUE.

187 19900629 MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT

ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

187 19900629 GREENE 56 8 GREENE SUGGESTED TO MAJORS TO USE THE WORD "DIFFERENCE" V. "DISCREPANCY" IN LER REV COVER LETTER BECAUSE "DISCREPANCY" MEANT ADMITTING A MISTAKE. MAJORS LIKED THE IDEA.

187 19900629 MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 MAJORS 62 4 TO MOSBAUGH ABOUT HAIRSTON CONSCIOUSLY THINKING THAT THE NPC MIGHT INTERPRET THE "CORRECTION" COVER LETTER AS NOT ADDRESSING THE 4/9 COAR.

187 19900629 MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9 LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

187 19900629 GREENE 66 15 TRIED TO TALK MOSBAUGH ABOUT EDG AIR RECEIVER VALVES STICKING.

199 19900711 KOCHERY 8 1 TO MOSBAUGH ABOUT EDG AIR RECEIVER VALVES STICKING.

199 19900711 MOYE 11 1 TALKED TO MOSBAUGH, MANSFIELD, BURWINKLE, ABOUT THE 4TH TIME THE SAME PROBLEM HAS HAPPENED TO THE 2A EDG.

199 19900711 MANSFIELD 11 6 TO MOSBAUGH, BURWINKLE, MOYE ABOUT CHAFFEE TELLING THEM THEY COULD HAVE AVOIDED THE 3/20 EVENT BY BEING MORE PERSISTENT IN RESOLVING REPEAT PROBLEMS WITH THE DIESELS.

199 19900711 MANSFIELD 14 3 TOLD MOSBAUGH, MOYE ABOUT AN

INSUFFICIENT "AIR ROLL" BEING A DIESEL PROBLEM.

199 19900711 HORTON 27 15 TO MOSBAUGH ABOUT 2A EDG BEING IN A 72 HOUR LCO DUE TO AN INSUFFICIENT AIR ROLL. IT WAS DECLARED INOPERABLE.

200 19900711 MOSBAUGH 8 1 TO MANSFIELD, KOCHERY, STOKES ABOUT EDG AIR ROLL PROBLEMS.

204 19900713 7/11 OSOS 2 23 TOLD BOCKHOLD ABOUT 2A EDG STILL BEING INOP. PROBLEM IS CLEARANCES ON AIR START PILOT VALVES AND OIL IN AIR START PILOT VALVE LINES.

204 19900713 HORTON 16 5 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

205 19900713 KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE.

205 19900713 MOSBAUGH 20 9 TALKED ABOUT SCOTT HARGIS RECALLING THE AIR ROLL PROBLEM ON THE UNIT 1 EDG ALSO. [TO FREDERICKS, KITCHENS, BOCKHOLD].

216 19900724 MANSFIELD 4 14 "DID YOU HEAR WE HAD A DIESEL FAIL TO START?" [TO MOSBAUGH, AUFDENKAMPE].

217 19900724 HORTON 25 11 "BUT WE GOT ANYWHERE BETWEEN A QUART AND TWO GALLONS...[OF JACKET WATER OUT OF THE COMBUSTION AIR DRAIN VALVES] [TO MOSBAUGH].

220 19900726 MOSBAUGH 9 21 "THERE WAS A FAILURE TO START THAT WAS UNDOCUMENTED ON UNIT 1. THERE HAVE BEEN FOUR ON UNIT 2..." [TO AUFDENKAMPE].

220 19900726 AUFDENKAMPE 10 15 "IT WAS IN THE -- IN THE DIESEL, THE TAPE ON THE DIESEL...THEY PUSHED THE BUTTON, AND IT DIDN'T START." [TO MOSBAUGH RE PAINTED-OVER TAPE ON DIESEL].

222 19900727 MANSFIELD 37 4 "...THE CONTAINMENT COOLING FUNCTION WOULD HAVE BEEN DEGRADED. I MEAN, THAT'S A LIE...IT WOULD HAVE BEEN NON-EXISTANT." [TO MOSBAUGH RE LER ON EDG TAPING].

222 19900727 MANSFIELD 38 6 "...A BLATANT LIE." [FINISHED MOSBAUGH'S STATEMENT ABOUT TAPED DIESEL LER.

222 19900727 MANSFIELD 38 17 "SO AL, LOSS OF A SAFETY FUNCTION FROM A SINGLE EVENT IS A 4 HOUR REPORT. HOW DO YOU DEAL WITH THAT WHEN YOU FIND OUT ABOUT IT MONTHS LATER?" [TO MOSBAUGH RE EDG TAPING].

222 19900727 MOSBAUGH 39 3 "APPARENTLY, STINGFELLOW THOUGHT IT [TAPED EDG] WAS A 4 HOUR." [REPORT REQUIREMENT] [TO MOSBAUGH].

222 19900727 HINES 39 17 "DIESEL GENERATOR 1A CONTROL AIR LEAK AND THERE IS NOT AN LCO WRITTEN AGAINST IT." [TO MOSBAUGH, MANSFIELD].

234 19900803 SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 SHIPMAN 40 8 "IT'S IMPORTANT FOR ME TO KNOW THAT WE IDENTIFIED..." [THE CONNECTION BETWEEN THE 7/5 AND 7/11 EDG FAILURES, AS OPPOSED TO THE NRC ID'ING IT].

234 19900803 SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO

MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT"
[EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

246 19900813 BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC.
QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION
TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO
GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR
SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP
MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED
THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE
PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM
BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED
BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND
OTHER VEGP MANAGERS.]

253 19900815 BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I
BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST
PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE
AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP
MANAGERS.]

253 19900815 MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE
ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN
GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO
REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY,
FREDERICKS].

253 19900815 BOCKHOLD 15 2 DESCRIBES HIS RECOLLECTION OF THE
SEQUENCE OF EVENTS RE EDG PRESENTATION TO NRC ON 4/9, AND HOW 4/9
COAR RESPONSE WAS CREATED. [FULL DISCUSSION ABOUT 4/19 LER
CONFERENCE CALL INCLUDED THROUGH PAGE 19].

258 19900817 WILLIAMS 8 15 "AND THEN LAST NIGHT [8/16/90] THE
1B DIESEL GENERATOR AUTO-STARTED FOR NO APPARENT REASON." [TO
BOCKHOLD, A.M., AT MORNING STATUS MEETING ON LAST DAY OF NRC
SPECIAL INSPECTION.]

258 19900817 HORTON 20 24 "...THERE MAY BE A RELATIONSHIP [TO

THE 1B DIESEL AUTO-STARTING] TO ANOTHER SLAVE RELAY TEST." [TO A.M., MANSFIELD, IN ENGINEERING MEETING.]

258 19900817 BOCKHOLD 24 17 "...ALLEN CAME TO ME AND SAID, 'HEY, THE INFORMATION [4/9 EDG START INFO] IS WRONG' AND I TOLD ALLEN TO GET THE STAFF TO FIX IT." [TO FREDERICKS, WHO QUESTIONED IF ANYONE HAD ANY CONTENTION ABOUT THE CORRECTNESS OF THE 4/9 DATA.]

258 19900817 MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

258 19900817 BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES, BUT...[HE] BELIEVES IT WASN'T AN INTENTIONAL MISTAKE..." [TO MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES VS. ACTUAL SITUATION.]

260 19900817 AUFDENKAMPE 8 3 TALKS ABOUT BOCKHOLD HAVING SIGNED OFF ON THE COVER LETTER TO REV 1 OF THE LER [6/29] IN MID MAY. [TO MOSBAUGH, CHESTNUT] [CHESTNUT IS TAKING J.G.A.'S PLACE AS TECHNICAL MANAGER.]

264 19900828 ODOM 39 18 "IT'S GOT A MIND OF ITS OWN." [REFERS TO AN INADVERTENT, UNEXPLAINED UNIT 1 DIESEL START ON 8/16-17/90.] [TO A.M., COPELAND.]

266 19900829 BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO A.M., GREENE, HORTON]

267 19900829 KOCHERY 32 8 DISCUSSES ANOTHER CURRENT PROBLEM WITH THE 1A EDG. A VOLTAGE REGULATOR PROBLEM. THE 1A EDG HAS BEEN DECLARED INOPERABLE. [TO MOSBAUGH] [MOSBAUGH SAYS THIS

PROBLEMS HAS EXHIBITED ITSELF BEFORE.]

267 19900829 HORTON 41 22 "...WE JUST NEED TO MAKE IT AS REASONABLY ACCURATE AS WE CAN, BECAUSE THE LIABILITY I SEE IS SUBSTANTIAL." [TO A.M., RE EDG START DATA STILL BEING COMPILED JUST PRIOR TO ENFORCEMENT CONFERENCE ON SITE AREA EMERGENCY.]

267 19900829 STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, A.M., DANNEMILLER.]

269 19900830 AUFDENKAMPE 1 25 TALKS ABOUT BOCKHOLD "GUIDING" THE PRB ABOUT THE WORDING AND CONTENT OF THE LETTER THAT SUPPOSEDLY CORRECTED THE "INCORRECT" EDG START DATA GIVEN TO NRC IN APRIL. [TO MOSBAUGH.]

STATEMENTS PERTINENT TO BAILEY

155 19900608 EDG AUFDENKAMPE 43 8 EXPLAINED TO BAILEY LANGUAGE & BASES FOR CHANGE IN EDG STARTS IN LER REV 1. TOLD BAILEY BIRMINGHAM HAD THE APPROVED LER REV FOR AT LEAST TWO WEEKS. TOLD BAILEY HE WANTS TO CORRECT THE COAR IN THE COVER LTR. TO LER REV. [BAILEY ON PHONE, MOSBAUGH].

167 19900615 EDG MOSELY 71 4 TOLD MOSBAUGH THAT BAILEY CALLED, LOOKING FOR BOCKHOLD, AND HAD ASKED HIM [MOSLEY] ABOUT VALID FAILURES.

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

STATEMENTS PERTINENT TO BOCKHOLD

41 19900411 EDG BOCKHOLD 8 4 DISCUSSES NRC GIVING OK TO GO TO MODE 3. [TO LACKEY, MOSBAUGH]

41 19900411 EDG LACKEY 8 22 TALKS ABOUT GOING TO MODE 3 24 HOURS AFTER MODE 4. [TO BOCKHOLD, MOSBAUGH]

41 19900411 EDG BOCKHOLD 40 4 TALKS ABOUT NOT LOSING ANY TIME GETTING BACK TO MODE 1, PER PROJECTION. [TO PARTON, HORTON, MOSBAUGH].

41 19900411 EDG BOCKHOLD 43 5 COMMENTS ABOUT NOT DOING GOOD PM'S ON CHECKING AIR DRYER QUALITY FROM 5/88 TO 5/89. [TO KOCHERY, MOSBAUGH]. WOULD THAT FACT AFFECT "THE STATEMENT WE MADE IN OUR LETTER?"

41 19900411 EDG BOCKHOLD 44 7 TALKS ABOUT PM PROGRAM BEING "SUSPECT" IN '89. SAID WE DON'T KNOW IF WE HAD GOOD AIR OR BAD AIR. [TO KOCHERY, MOSBAUGH].

41 19900411 EDG BOCKHOLD 46 9 TALKED ABOUT FSAR REQUIREMENTS AND SOMETIMES NOT BEING ABLE TO MEET THEM. CONCERNED ABOUT HAIRSTON LETTER [COAR RESPONSE 4/9]. STATEMENTS ABOUT AIR QUALITY STILL BEING "VALID." [TO KOCHERY, MOSBAUGH].

41 19900411 EDG BOCKHOLD 50 16 "...ON THE 29TH [MAR 90] OR SO, WE GOT A CRUMMY READING AND NOBODY KNEW ABOUT IT UNTIL MILT HUNT PICKED IT UP." [TO BURMEISTER, MOSBAUGH, STOKES].

41 19900411 EDG MOSBAUGH 50 21 "GEORGE [BOCKHOLD], WE HAD A BAD READING [DEWPOINT/AIR QUALITY] TODAY [4/11/90] 60 DEGREES ON THE 2A DIESEL."

41 19900411 EDG HORTON 51 4 "HAVEN'T WE GOT ANY GOOD READINGS?" [RE: EDG DEWPOINT/ TO BOCKHOLD].

41 19900411 EDG BOCKHOLD 51 6 "NOT ON 2A, 2B." [RESPONDING TO HORTON WHO ASKED IF THERE HAD BEEN ANY GOOD DEWPOINT READINGS].

41 19900411 EDG BOCKHOLD 51 11 "ACTUALLY, I HEARD ABOUT IT JUST BEFORE THE MEETING WITH THE NRC." [TO HORTON, KOCHERY, MOSBAUGH, BURMEISTER RE:BAD DEWPOINT READING].

41 19900411 EDG KOCHERY 52 5 TOLD BOCKHOLD THAT "THEY" STILL RUN THE DIESEL COMPRESSOR EVEN WITH THE AIR DRYERS OUT OF SERVICE.

41 19900411 EDG BOCKHOLD 52 6 "I'LL WRITE A NOTE TO SKIP KITCHENS ON THIS THING." [ACKNOWLEDGES KOCHERY'S NOTIFICATION ABOUT RUNNING COMPRESSORS WITH AIR DRYERS OUT OF SERVICE].

42 19900411 EDG MOSBAUGH 2 16 TO BURWINKLE ABOUT BOCKHOLD CONCLUDING NO AIR QUALITY PROBLEM BECAUSE OF NO CORROSION IN TANK AND NOTHING ON THE FILTER. NOT A COMPREHENSIVE EVALUATION.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG BOCKHOLD 9 6 TOLD MCCOY THAT EDG START COUNT NUMBERS IN 4/9 PRESENTATION BEGAN AFTER COMP. TEST PROGRAM. [EITHER DOESN'T KNOW OR IS B.S. ING MCCOY].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 EDG CASH 35 19 STATED NOT SURE IF HE TOLD BOCKHOLD ABOUT FAILURES IN EDG COUNT FOR NRC PRESENTATION. SAID BOCKHOLD KNEW ABOUT FAILURES. [TO MOSBAUGH, AUFDENKAMPE].

75 19900430 EDG MOSBAUGH 35 2 "I COMPLETED MY REVIEW. I FINALLY SORTED OUT ALL THE STARTS, I THINK." [TO TYNAN] [MOSBAUGH GIVING THIS DATA TO BOCKHOLD].

76 19900430 EDG BOCKHOLD 30 18 "THEN WE HAVE TO OBVIOUSLY REVISE THE LER." [TO MOSBAUGH AFTER MOSBAUGH POINTED OUT START PROBLEMS ON HIS COMP. LIST].

76 19900430 EDG BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON,

BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

95 19900504 EDG MOSBAUGH 43 19 "WELL, BASED ON THE WYLIE TESTING AND THE DEBRIS FOUND IN THE SWITCH, THEY [NRC] STARTED USING THE WORD OPERABILITY." [TO BOCKHOLD ABOUT NRC [BROCKMAN, CHAFEE] AWARENESS OF DEBRIS IN CALCON SWITCH].

95 19900504 EDG BOCKHOLD 46 7 TALKED ABOUT LETTER TO NRC RE S.A.E. AND SAID SOME MINOR ITEMS ARE "NOT THE NRC'S BUSINESS." [TO MOSBAUGH AND OTHER VEGP MANAGERS].

95 19900504 EDG BOCKHOLD 55 21 "NOW I HEARD JOHN GIVE ME SOME SONG AND DANCE THAT WE'D LIKE TO KEEP 'WILL BE REVISED BY' SO WE DON'T MAKE MATERIAL FALSE STATEMENTS AND CHANGE THE WORDS AFTER THE FACT." [MOSBAUGH & VEGP MGRS ABOUT DRAFTING 5/14/90 LTR TO NRC RE COR. ACTIONS ON S.A.E.].

101 19900508 EDG BOCKHOLD 1 15 "IS THERE SOMETHING BESIDES I'M SCREWING UP AND STARTING THE WRONG DIESEL...?" [TO MOSBAUGH AFTER MOSBAUGH NOTIFIED HIM ABOUT THE MISTAKEN START OF THE A DIESEL].

101 19900508 EDG BOCKHOLD 2 24 "I WOULD DO NOTHING WITH IT EXCEPT FOR YOUR HAVING THE PEOPLE LOOK AT THE LER CORRECTION." [TO MOSBAUGH RE MISTAKEN START OF A DIESEL].

159 19900611 EDG SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSBAUGH RE REV TO LER].

160 19900612 EDG WEBB 5 18 "GEORGE [BOCKHOLD] DID. HE SAID HE WANTED NEW -- NEW INFO." [BOCKHOLD INSTRUCTED WEBB TO USE THE VALID START TERMINOLOGY IN THE LER REV] [TO MOSBAUGH].

167 19900615 EDG MOSELY 71 4 TOLD MOSBAUGH THAT BAILEY CALLED, LOOKING FOR BOCKHOLD, AND HAD ASKED HIM [MOSLEY] ABOUT VALID FAILURES.

184 19900830 EDG HORTON 7 23 "WE CAUSED THAT TRIP. IT WOULDN'T HAVE TRIPPED ON BLACK TUESDAY. I'LL LET GEORGE [BOCKHOLD] CALL THAT ONE."

184 19900830 EDG HORTON 15 22 "IT WAS AN UNPLANNED TRIP. I WOULD LIKE TO CALL IT AN UNPLANNED TRIP, HOWEVER, DECLARE IT A SUCCESS." [TO AUFDENKAMPE, MOSBAUGH, BOCKHOLD].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 EDG BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND

YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 EDG HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 EDG AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 EDG BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

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184 19900830 EDG BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF

FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 EDG BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

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184 19900830 EDG GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

204 19900713 EDG 7/11 OSOS 2 23 TOLD BOCKHOLD ABOUT 2A EDG STILL BEING INOP. PROBLEM IS CLEARANCES ON AIR START PILOT VALVES AND OIL IN AIR START PILOT VALVE LINES.

204 19900713 EDG HORTON 16 5 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

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253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I

PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

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253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

253 19900815 EDG BOCKHOLD 15 2 DESCRIBES HIS RECOLLECTION OF THE SEQUENCE OF EVENTS RE EDG PRESENTATION TO NRC ON 4/9, AND HOW 4/9 COAR RESPONSE WAS CREATED. [FULL DISCUSSION ABOUT 4/19 LER CONFERENCE CALL INCLUDED THROUGH PAGE 19].

258 19900817 EDG WILLIAMS 8 15 "AND THEN LAST NIGHT [8/16/90] THE 1B DIESEL GENERATOR AUTO-STARTED FOR NO APPARENT REASON." [TO BOCKHOLD, A.M., AT MORNING STATUS MEETING ON LAST DAY OF NRC SPECIAL INSPECTION.]

258 19900817 EDG BOCKHOLD 24 17 "...ALLEN CAME TO ME AND SAID, 'HEY, THE INFORMATION [4/9 EDG START INFO] IS WRONG' AND I TOLD ALLEN TO GET THE STAFF TO FIX IT." [TO FREDERICKS, WHO QUESTIONED IF ANYONE HAD ANY CONTENTION ABOUT THE CORRECTNESS OF THE 4/9 DATA.]

258 19900817 EDG MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

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260 19900817 EDG AUFDENKAMPE 8 3 TALKS ABOUT BOCKHOLD HAVING SIGNED OFF ON THE COVER LETTER TO REV 1 OF THE LER [6/29] IN MID MAY. [TO MOSBAUGH, CHESTNUT] [CHESTNUT IS TAKING J.G.A.'S PLACE

AS TECHNICAL MANAGER.]

266 19900829 EDG BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO A.M., GREENE, HORTON]

269 19900830 EDG AUFDENKAMPE 1 25 TALKS ABOUT BOCKHOLD "GUIDING" THE PRB ABOUT THE WORDING AND CONTENT OF THE LETTER THAT SUPPOSEDLY CORRECTED THE "INCORRECT" EDG START DATA GIVEN TO NRC IN APRIL. [TO MOSBAUGH.]

STATEMENTS PERTINENT TO FREDERICKS

9 19900323 EDG FREDERICKS 4 17 COMMENTED THAT HE BELIEVED THAT IF THE DIESEL WAS AN AIRPLANE, GEORGE WOULD NOT GO UP IN IT.

10 19900323 EDG 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FREDERICKS, HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY.

10 19900323 EDG FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY (CRITIQUE TEAM MEETING)].

10 19900323 EDG COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 EDG CASH 16 9 "I LEFT THE HIGH TEMPERATURE OUT, AND THE TRIP FOR TWO DIFFERENT PRESSURES (IN AUDIBLE) IT'S A ONE OUT OF ONE ON TRIP, CORRECT." [TO FREDERICKS, KOCHERI, BRINEY, RE: 03-23-90 1B DIESEL TRIP].

10 19900323 EDG COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERI, BRINEY, HOLMES, MOSBAUGH].

10 19900323 EDG COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERI, CASH, HOLMES, BRINEY].

10 19900323 EDG CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERI, HOLMES, COURSEY.]

10 19900323 EDG FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES, POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERI, HOLMES, COURSEY, CASH.]

10 19900323 EDG BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERI, COURSEY, HOLMES.]

10 19900323 EDG KOCHERY 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH, BRINEY, COURSEY, HOLMES.]

10 19900323 EDG CASH 23 13 "...YOU GOT TWO ALARMS. ONE IS HIGH LUBE OIL OUT, HIGH LUBE OIL TEMP. OUT, IT'S 190 DEGREES." [TO BRINEY, KOCHERY, FREDERICKS, MOSBAUGH]

10 19900323 EDG BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

57 19900419 EDG KITCHENS 63 10 "GEORGE [FREDERICKS] POINTED OUT THERE WAS A FAILURE OF ONE OF THE B DIESELS RIGHT AFTER THE MAINTENANCE WORKED ON IT." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 EDG KITCHENS 63 16 "IT WASN'T OPERABLE [B DIESEL] SO WE DON'T WANT TO MAKE A STATEMENT WITH NO FAILURES AND NO PROBLEMS." [TO PRB, MOSBAUGH, FREDERICKS].

98 19900508 EDG SWARTZWELDER 60 5 TALKED ABOUT REV 1 TO 4/19/90 LER IN PRB. [TO MOSBAUGH, AUFDENKAMPE, FREDERICKS].

159 19900611 EDG FREDERICKS 7 11 "SHOULDN'T TAKE MORE THAN A COUPLE OF DAYS. I WAS GIVEN THE GUIDELINES THAT IT HAD TO BE DONE BEFORE THE LER WOULD BE SIGNED." [TO MOSBAUGH].

160 19900612 EDG FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG STARTS].

160 19900612 EDG FREDERICKS 24 10 "I'M SUPPOSED TO NOT ONLY COME UP WITH A NUMBER; I'M SUPPOSED TO COME UP WITH WHY THE DISCREPANCY EXISTS." [TO MOSBAUGH RE EDG START COUNT].

160 19900612 EDG FREDERICKS 24 25 "HOW COULD THEY [CORPORATE] HAVE REVVED THE NUMBERS? THEY DON'T HAVE THE NUMBERS." [TO MOSBAUGH].

160 19900612 EDG FREDERICKS 25 4 "SOMEBODY CHANGED IT TO SAY 'VALID' STARTS." [TO MOSBAUGH RE LER REV].

160 19900612 EDG HORTON 30 1 "WELL, THE CONSISTENCY IS DOWN THE TUBE BECAUSE THE FIRST LER THAT WENT OUT IS INCORRECT." [TO AJLUNI, FREDERICKS, MOSBAUGH].

160 19900612 EDG AJLUNI 33 6 TALKED TO HORTON AND FREDERICKS ABOUT THE CHANGES IN EDG START INFO FROM COAR TO LER TO REV1 OF LER.

167 19900615 EDG MOSELY 67 14 "I'VE TABULATED THE DATA, BUT...HAVEN'T...DONE ANY COUNTING IN TERMS OF VALID FAILURES, VALID STARTS..." [TO MOSBAUGH] [MOSELY IS QA WHO OBTAINED EDG START DATA FOR FREDERICKS IN AUDIT FOR REV TO LER].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

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186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

186 19900629 EDG FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 40 25 "...AND WHEN IT [COAR] SAYS 'NO PROBLEMS OR FAILURES DURING ANY OF THESE STARTS' THAT BURNS YOU UP." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 42 22 "...WHAT THEN THEY'RE [CORPORATE] GOING TO DO IS SAY A MORE ACCURATE MEASURE OF THE RELIABILITY WAS THE VALID..." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 EDG FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE...I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 EDG HORTON 20 12 "WELL, WHAT WAS WRONG WITH OUR DIESEL START RECORD KEEPING PRACTICES?" [TO FREDERICKS,

MOSBAUGH, RE WHETHER PRACTICES WERE CAUSE OF FALSE DATA GIVEN TO NRC 4/9].

187 19900629 EDG FREDERICKS 26 23 "THE SHIFT SUPERVISOR'S LOG IS NOT AN ACCURATE RECORD OF WHAT HAPPENED." [TO MOSBAUGH, HORTON].

187 19900629 EDG MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9 LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

204 19900713 EDG HORTON 16 5 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

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234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

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267 19900829 EDG STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, A.M.]

STATEMENTS PERTINENT TO GREENE

99 19900508 EDG MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 EDG MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

99 19900508 EDG MANSFIELD 53 4 "...YOUR DEPARTMENT [OPS] IS PART OF THIS CLIQUE. [MEANING THE CLIQUE HE IS AFRAID TO TELL ABOUT VEGP'S ATTITUDE ABOUT KEEPING THE PLANT RUNNING.] [TO GREENE].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 EDG BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT] [DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 EDG HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 EDG AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

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184 19900830 EDG BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 EDG BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

187 19900629 EDG MOSBAUGH 42 9 PUTS GREENE ON NOTICE THAT

ATTRIBUTING THE ERROR IN EDG STARTS TO POOR RECORD PRACTICES/END OF TEST PROGRAM IS NOT TRUE.

187 19900629 EDG MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

187 19900629 EDG GREENE 56 8 GREENE SUGGESTED TO MAJORS TO USE THE WORD "DIFFERENCE" V. "DISCREPANCY" IN LER REV COVER LETTER BECAUSE "DISCREPANCY" MEANT ADMITTING A MISTAKE. MAJORS LIKED THE IDEA.

187 19900629 EDG MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9 LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

187 19900629 EDG GREENE 66 15 TRIED TO TALK MOSBAUGH ABOUT EDG AIR RECEIVER VALVES STICKING.

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

246 19900813 EDG BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

266 19900829 EDG BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO A.M., GREENE, HORTON]

STATEMENTS PERTINENT TO HAIRSTON

41 19900411 EDG BOCKHOLD 46 9 TALKED ABOUT FSAR REQUIREMENTS AND SOMETIMES NOT BEING ABLE TO MEET THEM. CONCERNED ABOUT HAIRSTON LETTER [COAR RESPONSE 4/9]. STATEMENTS ABOUT AIR QUALITY STILL BEING "VALID." [TO KOCHERY, MOSBAUGH].

57 19900419 EDG STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. JGA SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 EDG MOSBAUGH 97 4 ASKED AUFDENKAMPE IF HE HAD HAIRSTON'S COAR LETTER, "BECAUSE THAT'S THE ONE..." - AUFDENKAMPE INTERRUPTED SAYING "WHERE THEY LIED...I MEAN THEY..." MOSBAUGH FINISHED THE THOUGHT BY SAYING, "...MADE THAT STATEMENT [NO FAILURES OR PROBLEMS] PREVIOUSLY."

57 19900419 EDG SHIPMAN 100 23 [TO MOSBAUGH] TRYING TO GET "ALL THE HAIRSTON QUESTIONS ANSWERED." WHAT OPERATORS DID BEFORE TRYING TO RESTART THE DIESEL.

57 19900419 EDG SHIPMAN 103 25 TOLD MOSBAUGH HE HAD NO PROBLEM WITH THE WAY THE OPERATOR ACTION WAS DESCRIBED IN THE PROPOSED LER [IMMEDIATELY RESET ANNUNCIATORS], BUT THAT HAIRSTON HAD A PROBLEM WITH IT.

57 19900419 EDG SHIPMAN 104 8 "OTHER QUESTION WE'VE BEEN TRYING TO GET AN ANSWER TO IS TO REASSURE GEORGE [HAIRSTON] THAT WE HAD MORE THAN 20 VALID STARTS SINCE MARCH THE 20TH, LIKE WE SAY IN THE LER." [TO MOSBAUGH] MOSBAUGH TOLD SHIPMAN THERE'S A PROBLEM WITH THE WAY THAT'S STATED.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

57 19900419 EDG SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

57 19900419 EDG SWARTZWELDER 115 25 TALKED ABOUT HAIRSTON NEEDING TO TALK TO OPERATORS WHO RESET ANNUNCIATORS ON DIESEL IN SITE AREA EMERGENCY. IS CONCERNED ABOUT SPECIFICALLY LETTING THESE OPERATORS KNOW THAT HAIRSTON WILL NOT YELL AT THEM. [TO CASH, MOSBAUGH].

58 19900419 EDG HAIRSTON 2 4 PUT WORDS IN EQUIPMENT OPERATOR'S MOUTH ABOUT CHECKING GAGES ON DIESEL BEFORE PUSHING RE-START

BUTTON. [DELOACH, MOSBAUGH, SWARTZWELDER].

58 19900419 EDG HAIRSTON 5 16 DISCUSSED WORDING OF LER.
[MOSBAUGH, SWARTZWELDER, DELOACH].

58 19900419 EDG SHIPMAN 10 8 STATED HIS AWARENESS OF HAIRSTON
PERSONALLY INTERVIEWING EQUIP. OPERATORS THAT RE-STARTED EDG AT
SITE AREA EMERGENCY.

58 19900419 EDG SHIPMAN 11 2 SUSPECTED HAIRSTON OF "LEADING"
THE EDG EQUIP. OPERATOR INTO SAYING WHAT HAIRSTON WANTED HIM TO
SAY.

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T
HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW,
MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO
TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE,
MCCOY].

56 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING
FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON,
STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER]
"...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND
GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR
TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER,
MOSBAUGH, AUFDENKAMPE].

159 19900611 EDG AUFDENKAMPE 5 17 "HAIRSTON WON'T SIGNOUT THE
LER." [WEBB, MOSBAUGH] [RE REV 1, LER THAT WAS PRB APPROVED AND
SENT TO BIRMINGHAM IN MID-MAY].

160 19900612 EDG FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO
WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO
MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG
STARTS].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR
SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME
EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE,
MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 EDG BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND
YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED
AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON,
GREENE, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE
LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC,

WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 EDG BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

187 19900629 EDG WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 62 4 TO MOSBAUGH ABOUT HAIRSTON CONSCIOUSLY THINKING THAT THE NRC MIGHT INTERPRET THE "CORRECTION" COVER LETTER AS NOT ADDRESSING THE 4/9 COAR.

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

STATEMENTS PERTINENT TO MAJORS

186 19900629 EDG FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE...I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 EDG ODOM 47 21 "I DON'T KNOW WHERE IT ['SUBSEQUENT TO THE EVENT' TERMINOLOGY] CAME FROM. I JUST CALLED HARRY [MAJORS] AND TOLD HARRY, 'STOP THE PRESS. IT'S NOT RIGHT.'" [TO MOSBAUGH, TYNAN].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HO. "ON RE LER REV].

187 19900629 EDG MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

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187 19900629 EDG MAJORS 62 4 TO MOSBAUGH ABOUT HAIRSTON CONSCIOUSLY THINKING THAT THE NRC MIGHT INTERPRET THE

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187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9
LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING
TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

STATEMENTS PERTINENT TO MCCOY

(Tape Date EDG Speaker Page Line Comment)

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM.
[AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS"
[NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION]
[AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG BOCKHOLD 9 6 TOLD MCCOY THAT EDG START COUNT NUMBERS IN 4/9 PRESENTATION BEGAN AFTER COMP. TEST PROGRAM.
[EITHER DOESN'T KNOW OR IS B.S. ING MCCOY].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER]
"...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

99 19900508 EDG MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 EDG MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED

HERE." [TO GREENE, PARTON, MOSBAUGH].

159 19900611 EDG SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSBAUGH RE REV TO LER].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, ----

253 19900815 EDG BOCKHOLD 11 9 [CONT'D] ---SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

258 19900817 EDG MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 EDG FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

258 19900817 EDG BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES,

BUT...[HE] BELIEVES IT WASN'T AN INTENTIONALMISTAKE..." [TO
MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES
VS. ACTUAL SITUATION.]

STATEMENTS PERTINENT TO MCDONALD

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER]
"...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND
GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR
TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER,
MOSBAUGH, AUFDENKAMPE].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED
TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON
THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

STATEMENTS PERTINENT TO RUSHTON

95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

STATEMENTS PERTINENT TO SHIPMAN

57 19900419 EDG STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 EDG SHIPMAN 100 23 [TO MOSBAUGH] TRYING TO GET "ALL THE HAIRSTON QUESTIONS ANSWERED." WHAT OPERATORS DID BEFORE TRYING TO RESTART THE DIESEL.

57 19900419 EDG SHIPMAN 103 25 TOLD MOSBAUGH HE HAD NO PROBLEM WITH THE WAY THE OPERATOR ACTION WAS DESCRIBED IN THE PROPOSED LER [IMMEDIATELY RESET ANNUNCIATORS], BUT THAT HAIRSTON HAD A PROBLEM WITH IT.

57 19900419 EDG SHIPMAN 104 8 "OTHER QUESTION WE'VE BEEN TRYING TO GET AN ANSWER TO IS TO REASSURE GEORGE [HAIRSTON] THAT WE HAD MORE THAN 20 VALID STARTS SINCE MARCH THE 20TH, LIKE WE SAY IN THE LER." [TO MOSBAUGH] MOSBAUGH TOLD SHIPMAN THERE'S A PROBLEM WITH THE WAY THAT'S STATED.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

57 19900419 EDG MOSBAUGH 105 5 "... THE B MACHINE, ON 3-22 AT 12:43 THE MACHINE TRIPPED ON HIGH LUBE OIL TEMPERATURE." [TO SHIPMAN].

57 19900419 EDG SHIPMAN 105 18 "WE COULD SOLVE THE PROBLEM THAT'S CREATED BY THAT INFORMATION [THE 3-22 TRIP] BY SAYING NO VALID FAILURES." [TO MOSBAUGH].

57 19900419 EDG MOSBAUGH 105 21 "I THINK WE GOT ANOTHER ONE [FAILURE]. IT IS ON 3-23 ATG 17:31. THE B MACHINE ...TRIPPED ON LOW JACKET WATER PRESSURE/LUBE OIL PRESSURE LOW." [TO SHIPMAN, STRINGFELLOW].

57 19900419 EDG SHIPMAN 106 4 "...THIS THING'S ALREADY BEEN THROUGH THE PRB A COUPLE OF TIMES. HOW IN THE WORLD DID IT GET THROUGH THE PRB?" [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 107 20 "IT SOUNDS LIKE THIS WHOLE STATEMENT [DIESEL STARTS WITH NO FAILURES OR PROBLEMS] NEEDS TO BE STRICKEN." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 108 8 "CERTAINLY, IF IT'S NOT A VALID STATEMENT, WE WOULD NEED TO GET IT THE HECK OUT OF HERE REGARDLESS OF WHAT GEORGE TOLD EBNETER." [TO MOSBAUGH,

STRINGFELLOW].

57 19900419 EDG SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG SHIPMAN 10 8 STATED HIS AWARENESS OF HAIRSTON PERSONALLY INTERVIEWING EQUIP. OPERATORS THAT RE-STARTED EDG AT SITE AREA EMERGENCY.

58 19900419 EDG SHIPMAN 11 2 SUSPECTED HAIRSTON OF "LEADING" THE EDG EQUIP. OPERATOR INTO SAYING WHAT HAIRSTON WANTED HIM TO SAY.

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG SHIPMAN 20 20 "...AND THEY SHOULD NOT BE INCLUDED BECAUSE THEY WERE PART OF THE RETURNING TO SERVICE OF THE DIESEL..." [RE: 3/22 AND 3/23 TRIPS] [MOSBAUGH, AUFDENKAMPE].

58 19900419 EDG SHIPMAN 23 7 "THE PROBLEM WITH THAT IS THAT THAT NUMBER [EDG STARTS] IS GOING TO BE SIGNIFICANTLY LESS THAN WHAT GEORGE TOLD MR. EBNETER, AND, YOU KNOW, IT'S GOING TO CREATE A SELLING JOB FOR ME, I THINK, BUT EVENTUALLY THAT'S THE ONLY WAY WE CAN TELL A VALID STORY..

58 19900419 EDG SHIPMAN 23 8 "...[CONT. OF PG. 23, LINE 7] THAT YOU KNOW, WE CAN DEFEND. IF SOMEBODY CALLS ALLEN MOSBAUGH, BILL SHIPMAN, AND JOHN AUFDENKAMPE AGAIN TO TESTIFY, THAT'S THE STORY I WANT TO TELL." [TO MOSBAUGH, AUFENDKAMPE RE COUNTING STARTS

AFTER DIESEL DEC. OPERABLE]

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER] "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

187 19900629 EDG WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 40 8 "IT'S IMPORTANT FOR ME TO KNOW THAT WE IDENTIFIED..." [THE CONNECTION BETWEEN THE 7/5 AND 7/11 EDG FAILURES, AS OPPOSED TO THE NRC ID'ING IT].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

STATEMENTS PERTINENT TO STRINGFELLOW

57 19900419 EDG STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. JGA SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 EDG AUFDENKAMPE 91 4 "WE THINK THAT'S BASICALLY A MATERIAL FALSE STATEMENT." [TO STRINGFELLOW, MOSBAUGH, REFERRING TO 20 STARTS WITHOUT FAILURES OR PROBLEMS SINCE MAR 20].

57 19900419 EDG AUFDENKAMPE 91 7 "...WE KNOW FOR A FACT THAT THE B DIESEL TRIPPED AT LEAST ONCE AFTER MARCH 20TH." [TO STRINGFELLOW].

57 19900419 EDG MOSBAUGH 91 8 "ACTUALLY, IT [B DIESEL] TRIPPED TWICE AFTER MARCH 20TH, OR IT HAD AT LEAST TWO SEPARATE PROBLEMS." [TO STRINGFELLOW].

57 19900419 EDG STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 EDG STRINGFELLOW 94 11 RECOGNIZED THEY "WERE DOWN TO " THE "20 TIMES EACH" QUESTION IN THE WORDING OF THE LER. [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 EDG STRINGFELLOW 96 8 "IT JUST DAWNED ON ME WHAT AL WAS SAYING A MINUTE AGO. IN OTHER WORDS, IF WE SAY NO FAILURES OR PROBLEMS OCCURRED IN ANY STARTS, YOU'RE SAYING THAT'S NOT TRUE." "OH, WONDERFUL, O.K." [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 EDG AUFDENKAMPE 96 15 "BECAUSE, YOU KNOW, WE...THIS HAS BEEN WRITTEN TO THE NRC ONCE ALREADY." [STRINGFELLOW RESPONDS BY SAYING THAT WAS EXACTLY WHAT HE WAS THINKING].

57 19900419 EDG MOSBAUGH 105 21 "I THINK WE GOT ANOTHER ONE [FAILURE]. IT IS ON 3-23 ATG 17:31. THE B MACHINE ...TRIPPED ON LOW JACKET WATER PRESSURE/LUBE OIL PRESSURE LOW." [TO SHIPMAN, STRINGFELLOW].

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222 19900727 EDG MOSBAUGH 39 3 "APPARENTLY, STRINGFELLOW THOUGHT IT [TAPED EDG] WAS A 4 HOUR." [REPORT REQUIREMENT] [TO MOSBAUGH].

267 19900829 EDG STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, A.M.]

REPORT

LIST OF EXHIBITS

<u>Exhibit</u> <u>No.</u>	<u>Description</u>
1	Request for Investigation, dated November 1, 1990, from Stewart D. Ebnetter, Regional Administrator, Region II, USNRC.
2	Addendum to Request for Investigation, with attachments, dated June 19, 1991, from Regional Administrator, Region II, USNRC.
3	Computer printout alleging false statements, by Georgia Power Company (GPC) to NRC, regarding Emergency Diesel Generator testing, undated, prepared by Allen L. MOSBAUGH, former Acting Assistant General Manager for Plant Support, Plant Vogtle, GPC, and provided by MOSBAUGH to NRC on June 14, 1990.
4	Copy of NRC Letter, entitled SUBJECT: CONFIRMATION OF ACTION LETTER, to GPC (Hairston), dated March 23, 1990.
5	Transcripts of Interview of MOSBAUGH, dated July 18 and 19, 1990.
6	Transcript of Interview of MOSBAUGH, dated November 4, 1993.
7	Copy of "Diesel Testing" transparency presented to NRC on April 9, 1990, by George BOCKHOLD, Jr., former General Manager, Plant Vogtle, GPC.
8	Copy of "Quarantined Components" transparency presented to NRC by BOCKHOLD on April 9, 1990.
9	Transcript of Interview of Jimmy Paul CASH, former Operations Supervisor, Plant Vogtle, GPC, dated August 14, 1990.
10	Transcript of Interview of CASH, dated June 14, 1993.
11	Copy of computer printout, undated, identified by CASH as being representative of his handwritten list of Diesel Start entries obtained from the Vogtle, Unit 1, Control Log and Shift Supervisor's Log, which he provided to BOCKHOLD as part of BOCKHOLD's preparation for the April 9, 1990 presentation to NRC.
12	Transcript of Interview of BOCKHOLD, dated August 14, 1990.

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<u>Exhibit No.</u>	<u>Description</u>
13	Transcript of Interview of BOCKHOLD, dated June 22, 1993, with exhibits.
14	Transcript of Interview of Kenneth S. BURR, Senior Project Engineer, Southern Nuclear Company (SNC), dated June 14, 1993, with exhibits.
15	Plant Vogtle, Unit 1, Control Log, for period March 20, 1990 - April 9, 1990.
16	Copies of DIESEL GENERATOR START LOG (from VEGP Procedure No. 55038-C), from train B, Unit 1, for the period 2-16-90 (Start No. 1-90-114) through 5-23-90 (Start No. 1-90-161).
17	Copies of Diesel Test COMPLETION SHEETS, (from VEGP Procedure No. 13145-1) for DG1B (Diesel Generator B, Unit 1), for the period 3-13-90 through 4-19-90.
18	Report of Interview of Stewart D. EBNETER, Regional Administrator (RA), Region II (RII), USNRC, dated July 17, 1991.
19	Report of Interview of Stewart D. EBNETER, RA, RII USNRC, dated February 27, 1992.
20	Reports of Interview of Kenneth E. BROCKMAN, Branch Chief, Incident Response Branch, Office of Analysis and Evaluation of Operational Data, USNRC--formerly Section Chief, Vogtle Project, Division of Reactor Projects (DRP), RII, USNRC, dated September 5, 1991, and August 23, 1993.
21	Report of Interview of Milton D. HUNT, Reactor Inspector, Engineering Branch, Division of Reactor Safety (DRS), RII, USNRC, dated September 3, 1991.
22	Report of Interview of Peter A. TAYLOR, Reactor Inspector, Engineering Branch, DRS, RII, USNRC, dated September 4, 1991.
23	Report of Interview of David B. MATTHEWS, Director, Project Directorate II-3, NRR, USNRC, dated September 5, 1991.
24	Report of Interview of Leigh TROCINE, Resident Inspector, Turkey Point Nuclear Station, RII, USNRC--formerly a Project Engineer, RII, USNRC, dated August 30, 1991.

<u>Exhibit No.</u>	<u>Description</u>
25	Report of Interview, of Alfred E. CHAFFEE, Events Assessment Branch, Office of Nuclear Reactor Regulation (NRR), USNRC--formerly Team Leader, Incident Investigation Team (IIT), USNRC, for the Vogtle Site Area Emergency (SAE), dated August 28, 1991.
26	Report of Interview of Richard A. KENDALL, Senior General Engineer, Department of Energy, Germantown, MD---formerly Senior Electrical Engineer, Events Assessment Branch, NRR, USNRC, dated August 28, 1991.
27	Copy of GPC Letter, entitled VOGTLE ELECTRIC GENERATING PLANT CONFIRMATION OF ACTION LETTER, to USNRC (Ebnetter), dated April 9, 1990.
28	Transcript of Interview of James A. BAILEY, Licensing Manager, Vogtle Project, SNC, dated June 23, 1993, with exhibits.
29	Transcript of Interview of C. Kenneth McCOY, Vice-President, Vogtle Project, SNC, and V-P, GPC, dated June 30, 1993, with exhibits.
30	Transcript of Interview of N. Jackson STRINGFELLOW, Project Licensing Engineer, SNC, dated June 21, 1993.
31	Transcript of Interview of W. George HAIRSTON, III, Executive Vice President, GPC; and Chief Operating Officer, SNC, dated June 25, 1993, with exhibits.
32	Copy of Draft, dated April 19, 1990, of GPC Licensee Event Report (LER) 90-06, pertaining to the Site Area Emergency at Plant Vogtle on March 20, 1990.
33	MOSBAUGH audio tape, dated April 19, 1990, #3 (NRC #57)
34	Transcript of MOSBAUGH audio tape, (NRC #57)
35	MOSBAUGH audio tape, dated April 19, 1990, #4, (NRC #58).
36	Transcript of MOSBAUGH audio tape, (NRC #58).
37	Copy of GPC LER, No. 90-06, entitled LOSS OF OFFSITE POWER LEADS TO SITE AREA EMERGENCY, with transmittal letter, dated April 19, 1990.
38	Transcript of Interview of John G. AUFDENKAMPE, Manager, Mechanical Group, Vogtle Project, Southern Company Services (SCS)-- formerly Manager, Technical Support, Plant Vogtle, GPC, dated June 16, 1993, with exhibits.

<u>Exhibit No.</u>	<u>Description</u>
39	Transcript of Interview of William B. SHIPMAN, General Manager, Plant Support, Vogtle Project, SNC & GPC, dated June 11, 1993.
40	Transcript of Interview of Georgie R. FREDERICK, Manager, Maintenance, Plant Vogtle--formerly, Supervisor, Safety Audit and Engineering Review (SAER), Plant Vogtle, GPC, dated June 28, 1993, with exhibits.
41	Copy of Letter of Transmittal, dated June 29, 1990, to the first Revision to LER 90-06, addressed to the NRC Document Control Desk, from GPC (W. G. Hairston).
42	Transcript of Interview of Harry W. MAJORS, Licensing Project Engineer, Vogtle Project, SNC, dated June 29, 1993.
43	Copy of GPC SAER Audit of Diesel Generator Records, dated June 29, 1990.
44	Copy of Response to NRC Question Concerning Diesel Starts Reported on April 9, 1990 and in LER 90-06, Revisions 0 and 1, dated August 22, 1990.
45	Copy of Letter from GPC (Hairston, signed by McCoy) to NRC (Ebnetter), entitled VOGTLE ELECTRIC GENERATING PLANT CLARIFICATION OF RESPONSE TO CONFIRMATION OF ACTION LETTER, with attachments, dated August 30, 1990.
46	Copy of marked-up draft of GPC Letter to NRC, entitled VOGTLE ELECTRIC GENERATING PLANT CLARIFICATION OF RESPONSE TO CONFIRMATION OF ACTION LETTER, dated August 28, 1990.
47	Transcript of Interview of Thomas V. GREENE, Manager, Engineering and Licensing, Vogtle Project, SNC--formerly Assistant General Manager, Plant Support, Plant Vogtle, GPC, dated July 6, 1993.
48	Transcript of Interview of R. Patrick McDONALD, Executive Director, Advanced Reactor Corporation--formerly Executive Vice President, GPC and Alabama Power Company, dated July 1, 1993
49	Letter from B. LAVINE, attorney, Troutman Sanders Law Firm, to James Y. Vorse, Field Office Director, Atlanta Field Office of Investigations, NRC, dated August 4, 1993, declining polygraph examinations on behalf of HAIRSTON, MCCOY, SHIPMAN, STRINGFELLOW, BOCKHOLD, and AUFDENKAMPE.

<u>Exhibit No.</u>	<u>Description</u>
50	Transcript of Interview of Kenneth R. HOLMES, Manager, Training and Emergency Preparedness, VEGP, GPC, dated September 27, 1991, with exhibits.
51	Report of Interview of Christopher C. ECKERT, Quality Assurance Auditor, VEGP, GPC, dated November 3, 1993.
52	Report of Interview of Paul M. KOCHERY, Engineering Supervisor, Plant Modifications, VEGP, GPC, dated November 3, 1993.
53	Report of Interview of Charles L. COURSEY, Superintendent, Maintenance Department, VEGP, GPC, dated November 3, 1993.
54	Report of Interview of Kenneth C. STOKES, Senior Engineer, VEGP, GPC, dated November 3, 1993.

THE FOLLOWING EXHIBITS WERE SPECIFICALLY IDENTIFIED
BY THE LAW FIRM OF TROUTMAN-SANDERS, ON BEHALF OF
THEIR CLIENT, GEORGIA POWER COMPANY

55	MOSBAUGH audio tape, dated March 24, 1990 (NRC #11). Note: There is no NRC transcript of this tape.
56	NRC Inspection Report No. 90-05, dated April 26, 1990.
57	NRC IIT transcript No. 147, dated March 30, 1990.
58	NRC IIT transcript No. 257, dated April 3, 1990.
59	NRC IIT transcript No. 168-1, dated April 4, 1990.
60	NRC IIT transcript No. 200, dated April 5, 1990.
61	NRC IIT transcript No. 212, dated April 10, 1990.
62	NRC IIT transcript No. 205, dated April 7, 1990.
63	NRC IIT transcript No. 245, dated April 12, 1990.
64	MOSBAUGH audio tape, dated March 28, 1990, #1 (NRC #19). Note: No NRC transcript.
65	MOSBAUGH audio tape, dated April 10, 1990, #2 (NRC #40). Note: No NRC transcript.
66	MOSBAUGH audio tape, dated April 26, 1990, #2 (NRC #69). Note: No NRC transcript.

EXHIBITS SUBMITTED BY TROUTMAN SANDERS (CONT'D)

<u>Exhibit</u> <u>No.</u>	<u>Description</u>
67	MOSBAUGH audio tape, dated April 27, 1990, #1 (NRC #71). Note: No NRC transcript.
68	Copy of the minutes of Vogtle Plant Review Board (PRB) meeting, No. 20-59, dated April 18, 1990.
69	Two folders of indexed documents received from law firm of Troutman Sanders on October 7, 1993.

INSERT PRIOR TO TROUT-SAND EXHIBS

577 TAPE 187
578 " " TRANSCRIPT
579 TAPE 184
580 " " TRANSCRIPT
581 TAPE 42
602 " " TRANSCRIPT
643 TAPE 269
644 " " TRANSCRIPT
645 TAPE 41
646 " " TRANSCRIPT
687 TAPE 258
688 " " TRANSCRIPT
689 TAPE 10
700 " " TRANSCRIPT
710 186
702 TRNSPT
73 TP99
74 TSCTPT

705 TAPE 222
706 " TRSCRIPT
707 TAPE 247
708 TRSCRIPT
~~709~~
79 246
~~780~~ TRANSCRIPT
~~781~~ 254
82 T'SCRIPT
83 226
84 T'SCRIPT
85 227
86 T'SCRIPT
87 253
88 T'SCRIPT
89 215
~~890~~ T'SCRIPT
~~892 226 T'SCRIPT~~

MOSBAUGH TAPE EXCERPTS

IN RE: ALLEGED CONSPIRACY TO DEFRAUD THE NRC
REGARDING VOGTLE DIESEL GENERATOR TESTING
APRIL - AUGUST 1990

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COMPLETE LIST OF EDG STATEMENTS

9 19900323 FREDERICKS 4 17 COMMENTED THAT HE BELIEVED THAT IF THE DIESEL WAS AN AIRPLANE, GEORGE WOULD NOT GO UP IN IT.

10 19900323 WEBB 11 5 "BUT IT TRIPPED." [DISCUSSING EDG WITH KOCHERY & MOSBAUGH].

10 19900323 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FREDERICKS, HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY.

10 19900323 FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY (CRITIQUE TEAM MEETING)].

10 19900323 COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 CASH 14 20 "THEY DIDN'T RESET ANYTHING ON THE LOCAL CONTROL PANEL. BOTH OF THE ALARMS CAME IN." [CASH PERSONALLY FAMILIAR WITH 03-23-90 TRIP].

10 19900323 CASH 15 1 COMMENT SHOWS CASH'S PERSONAL KNOWLEDGE OF 03-23-90 1B DIESEL TRIP.

10 19900323 CASH 16 9 "I LEFT THE HIGH TEMPERATURE OUT, AND THE TRIP FOR TWO DIFFERENT PRESSURES (IN AUDIBLE) IT'S A ONE OUT OF ONE ON TRIP, CORRECT." [TO FREDERICKS, KOCHERY, BRINEY, RE: 03-23-90 1B DIESEL TRIP].

10 19900323 COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERY, BRINEY, HOLMES, MOSBAUGH].

10 19900323 COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERY, CASH, HOLMES, BRINEY].

10 19900323 CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY.]

10 19900323 FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES, POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY, CASH.]

10 19900323 BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 KOCHERY 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH, BRINEY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 CASH 24 13 "...YOU GOT TWO ALARMS. ONE IS HIGH LUBE OIL OUT, HIGH LUBE OIL TEMP. OUT, IT'S 190 DEGREES." [TO BRINEY, KOCHERY, FREDERICKS, MOSBAUGH]

10 19900323 HOLMES 28 19 SAID THE JACKET WATER TEMP. SENSORS (CALCON SWITCHES) HAD TO BE RECALIBRATED EVERY TIME. [TO CASH AND VEGP CRITIQUE TEAM] [REITERATES ON P.31, LN 12]

10 19900323 HOLMES 33 11 SAID NOTHING HAS BEEN DONE TO CORRECT CALCON CALIBRATION PROBLEM. "JUST BEEN LIVING WITH IT." [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 COURSEY 41 11 "...WHAT HE'S GOT TO CALIBRATE IS A PIECE OF GARBAGE [CALCON SWITCHES], AND HE KNOWS THEY'RE ALL GOING TO BLOW." ["HE" COULD BE BRINEY OR VENDOR REP, SHELDON] [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 BRINEY 46 15 "TOO MANY PEOPLE IN THE BOAT..." [TO CASH AND VEGP CRITIQUE TEAM] CONFLICT BETWEEN DIRECTION FROM CRITIQUE TEAM AND OUTAGE MANAGEMENT.

41 19900411 BOCKHOLD 8 4 DISCUSSES NRC GIVING OK TO GO TO MODE 3. [TO LACKEY, MOSBAUGH]

41 19900411 LACKEY 8 22 TALKS ABOUT GOING TO MODE 3 24 HOURS AFTER MODE 4. [TO BOCKHOLD, MOSBAUGH]

41 19900411 BURWINKLE 21 13 TALKS ABOUT LACK OF SET PROCEDURE FOR MEASURING DEWPOINT (AIR QUALITY) [TO STEELE, MOSBAUGH].

41 19900411 BOCKHOLD 40 4 TALKS ABOUT NOT LOSING ANY TIME GETTING BACK TO MODE 1, PER PROJECTION. [TO PARTON, HORTON, MOSBAUGH].

41 19900411 BOCKHOLD 43 5 COMMENTS ABOUT NOT DOING GOOD PM'S ON CHECKING AIR DRYER QUALITY FROM 5/88 TO 5/89. [TO KOCHERY, MOSBAUGH]. WOULD THAT FACT AFFECT "THE STATEMENT WE MADE IN OUR LETTER?"

41 19900411 BOCKHOLD 44 7 TALKS ABOUT PM PROGRAM BEING "SUSPECT" IN '89. SAID WE DON'T KNOW IF WE HAD GOOD AIR OR BAD AIR. [TO KOCHERY, MOSBAUGH].

41 19900411 BOCKHOLD 46 9 TALKED ABOUT FSAR REQUIREMENTS AND SOMETIMES NOT BEING ABLE TO MEET THEM. CONCERNED ABOUT HAIRSTON LETTER [COAR RESPONSE 4/9]. STATEMENTS ABOUT AIR QUALITY STILL BEING "VALID." [TO KOCHERY, MOSBAUGH].

41 19900411 BOCKHOLD 50 16 "...ON THE 29TH [MAR 90] OR SO, WE GOT A CRUMMY READING AND NOBODY KNEW ABOUT IT UNTIL MILT HUNT PICKED IT UP." [TO BURMEISTER, MOSBAUGH, STOKES].

41 19900411 MOSBAUGH 50 21 "GEORGE [BOCKHOLD], WE HAD A BAD READING [DEWPOINT/AIR QUALITY] TODAY [4/11/90] 60 DEGREES ON THE 2A DIESEL."

41 19900411 HORTON 51 4 "HAVEN'T WE GOT ANY GOOD READINGS?" [RE: EDG DEWPOINT/ TO BOCKHOLD].

41 19900411 BOCKHOLD 51 6 "NOT ON 2A, 2B." [RESPONDING TO HORTON WHO ASKED IF THERE HAD BEEN ANY GOOD DEWPOINT READINGS].

41 19900411 BOCKHOLD 51 11 "ACTUALLY, I HEARD ABOUT IT JUST BEFORE THE MEETING WITH THE NRC." [TO HORTON, KOCHERY, MOSBAUGH, BURMEISTER RE:BAD DEWPOINT READING].

41 19900411 KOCHERY 52 5 TOLD BOCKHOLD THAT "THEY" STILL RUN THE DIESEL COMPRESSOR EVEN WITH THE AIR DRYERS OUT OF SERVICE.

41 19900411 BOCKHOLD 52 6 "I'LL WRITE A NOTE TO SKIP KITCHENS ON THIS THING." [ACKNOWLEDGES KOCHERY'S NOTIFICATION ABOUT RUNNING COMPRESSORS WITH AIR DRYERS OUT OF SERVICE].

41 19900411 MOSBAUGH 54 1 SUMMARIZED HIS AIR QUALITY CONCERNS.

41 19900411 BEACHER 74 11 COMMENTED TO MOSBAUGH AND AUFDENKAMPE ABOUT TELECOPYING AN APPARENTLY INCOMPLETE DEWPOINT MEASUREMENT HISTORY FOR PAST YEAR TO CHAFFEE (NRC), BROCKMAN (NRC), LOUIS WARD, & KEN BURR.

42 19900411 MOSBAUGH 2 16 TO BURWINKLE ABOUT BOCKHOLD CONCLUDING NO AIR QUALITY PROBLEM BECAUSE OF NO CORROSION IN TANK AND NOTHING ON THE FILTER. NOT A COMPREHENSIVE EVALUATION.

42 19900411 BURWINKLE 5 7 "YUP, WHEN YOU GET WATER IN THE PNEUMATIC RELAY, THEY DO GO TO SHIT." "...THERE WERE A COUPLE THAT SHOT WATER AND WE REPLACED AND REPLACED..." "...THEM REGULATORS GOT THAT SMALL ORIFICE." [TO MOSBAUGH].

42 19900411 AUFDENKAMPE 13 1 TOLD MOSBAUGH THAT IT'S NOT GPC'S OBLIGATION TO TELL NRC THAT "WE" (GPC/VEGP) FEEL WE HAVE AIR PROBLEMS OR THAT WE FOUND AN AIR PROBLEM.

42 19900411 KOCHERY 28 7 TOLD MOSBAUGH THE A DIESEL HAD NO PROBLEMS, BUT B DIESEL TRIPPED TWICE SINCE 3/20/90 - A HIGH LUBE OIL TRIP ON 3/22/90.

57 19900419 KITCHENS 63 10 "GEORGE [FREDERICKS] POINTED OUT THERE WAS A FAILURE OF ONE OF THE B DIESELS RIGHT AFTER THE MAINTENANCE WORKED ON IT." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 KITCHENS 63 16 "IT WASN'T OPERABLE [B DIESEL] SO WE DON'T WANT TO MAKE A STATEMENT WITH NO FAILURES AND NO PROBLEMS." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 KITCHENS 63 21 "...STARTED MORE THAN 20 TIMES EACH...WHATEVER NUMBER...MAKE SURE IT'S NOT A FALSE STATEMENT." [TO PRB RE:LER]

57 19900419 STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. JGA SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 AUFDENKAMPE 91 4 "WE THINK THAT'S BASICALLY A MATERIAL FALSE STATEMENT." [TO STRINGFELLOW, MOSBAUGH, REFERRING TO 20 STARTS WITHOUT FAILURES OR PROBLEMS SINCE MAR 20].

57 19900419 AUFDENKAMPE 91 7 "...WE KNOW FOR A FACT THAT THE B DIESEL TRIPPED AT LEAST ONCE AFTER MARCH 20TH." [TO STRINGFELLOW].

57 19900419 MOSBAUGH 91 8 "ACTUALLY, IT [B DIESEL] TRIPPED TWICE AFTER MARCH 20TH, OR IT HAD AT LEAST TWO SEPARATE PROBLEMS." [TO STRINGFELLOW].

57 19900419 STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 STRINGFELLOW 94 11 RECOGNIZED THEY "WERE DOWN TO " THE "20 TIMES EACH" QUESTION IN THE WORDING OF THE LER. [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 STRINGFELLOW 96 8 "IT JUST DAWNED ON ME WHAT AL WAS SAYING A MINUTE AGO. IN OTHER WORDS, IF WE SAY NO FAILURES OR PROBLEMS OCCURRED IN ANY STARTS, YOU'RE SAYING THAT'S NOT TRUE." "OH, WONDERFUL, O.K." [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 AUFDENKAMPE 96 15 "BECAUSE, YOU KNOW, WE...THIS HAS BEEN WRITTEN TO THE NRC ONCE ALREADY." [STRINGFELLOW RESPONDS BY SAYING THAT WAS EXACTLY WHAT HE WAS THINKING].

57 19900419 MOSBAUGH 97 4 ASKED AUFDENKAMPE IF HE HAD HAIRSTON'S COAR LETTER, "BECAUSE THAT'S THE ONE..." - AUFDENKAMPE INTERRUPTED SAYING "WHERE THEY LIED...I MEAN THEY..." MOSBAUGH FINISHED THE THOUGHT BY SAYING, "...MADE THAT STATEMENT [NO FAILURES OR PROBLEMS] PREVIOUSLY."

57 19900419 SHIPMAN 100 23 [TO MOSBAUGH] TRYING TO GET "ALL THE HAIRSTON QUESTIONS ANSWERED." WHAT OPERATORS DID BEFORE TRYING TO RESTART THE DIESEL.

57 19900419 SHIPMAN 103 25 TOLD MOSBAUGH HE HAD NO PROBLEM WITH THE WAY THE OPERATOR ACTION WAS DESCRIBED IN THE PROPOSED LER [IMMEDIATELY RESET ANNUNCIATORS], BUT THAT HAIRSTON HAD A PROBLEM WITH IT.

57 19900419 SHIPMAN 104 8 "OTHER QUESTION WE'VE BEEN TRYING TO GET AN ANSWER TO IS TO REASSURE GEORGE [HAIRSTON] THAT WE HAD MORE THAN 20 VALID STARTS SINCE MARCH THE 20TH, LIKE WE SAY IN THE LER." [TO MOSBAUGH] MOSBAUGH TOLD SHIPMAN THERE'S A PROBLEM WITH THE WAY THAT'S STATED.

57 19900419 SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

57 19900419 MOSBAUGH 105 5 "... THE B MACHINE, ON 3-22 AT 12:43 THE MACHINE TRIPPED ON HIGH LUBE OIL TEMPERATURE." [TO SHIPMAN].

57 19900419 SHIPMAN 105 18 "WE COULD SOLVE THE PROBLEM THAT'S CREATED BY THAT INFORMATION [THE 3-22 TRIP] BY SAYING NO VALID FAILURES." [TO MOSBAUGH].

57 19900419 MOSBAUGH 105 21 "I THINK WE GOT ANOTHER ONE [FAILURE]. IT IS ON 3-23 ATG 17:31. THE B MACHINE ...TRIPPED ON LOW JACKET WATER PRESSURE/LUBE OIL PRESSURE LOW." [TO SHIPMAN, STRINGFELLOW].

57 19900419 SHIPMAN 106 4 "...THIS THING'S ALREADY BEEN THROUGH THE PRB A COUPLE OF TIMES. HOW IN THE WORLD DID IT GET THROUGH THE PRB?" [TO MOSBAUGH, STRINGFELLOW].

57 19900419 SHIPMAN 107 20 "IT SOUNDS LIKE THIS WHOLE STATEMENT [DIESEL STARTS WITH NO FAILURES OR PROBLEMS] NEEDS TO BE STRICKEN." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 SHIPMAN 108 8 "CERTAINLY, IF IT'S NOT A VALID STATEMENT, WE WOULD NEED TO GET IT THE HECK OUT OF HERE REGARDLESS OF WHAT GEORGE TOLD EBNETER." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

57 19900419 SWARTZWELDER 115 25 TALKED ABOUT HAIRSTON NEEDING TO TALK TO OPERATORS WHO RESET ANNUNCIATORS ON DIESEL IN SITE AREA EMERGENCY. IS CONCERNED ABOUT SPECIFICALLY LETTING THESE OPERATORS KNOW THAT HAIRSTON WILL NOT YELL AT THEM. [TO CASH, MOSBAUGH].

57 19900419 AUFDENKAMPE 118 25 "WHAT BIRMINGHAM IS THINKING NOW IS THEY MADE A MATERIAL FALSE STATEMENT IN THE APRIL 9TH LETTER. [TO MOSBAUGH, ODOM].

57 19900419 WEBB 123 19 "WE NEED TO GET RID OF THE STATEMENT IN THE LER ABOUT HOW MANY FAILURES OR HOW MANY TESTS YOU'VE GOT ALTOGETHER, OR ELSE CORRECT THE MISCONCEPTION THAT WE GENERATED ON 4-9. I DON'T KNOW IF WE SHOULD TRY TO CONTINUE THE MISCONCEPTION..."[AM, ODOM, AUFDEN]

58 19900419 HAIRSTON 2 4 PUT WORDS IN EQUIPMENT OPERATOR'S MOUTH ABOUT CHECKING GAGES ON DIESEL BEFORE PUSHING RE-START BUTTON. [DELOACH, MOSBAUGH, SWARTZWELDER].

58 19900419 HAIRSTON 5 16 DISCUSSED WORDING OF LER. [MOSBAUGH, SWARTZWELDER, DELOACH].

58 19900419 MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 BOCKHOLD 9 6 TOLD MCCOY THAT EDG START COUNT NUMBERS IN 4/9 PRESENTATION BEGAN AFTER COMP. TEST PROGRAM. [EITHER DOESN'T KNOW OR IS B.S. ING MCCOY].

58 19900419 SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 SHIPMAN 10 8 STATED HIS AWARENESS OF HAIRSTON PERSONALLY INTERVIEWING EQUIP. OPERATORS THAT RE-STARTED EDG AT SITE AREA EMERGENCY.

58 19900419 SHIPMAN 11 2 SUSPECTED HAIRSTON OF "LEADING" THE EDG EQUIP. OPERATOR INTO SAYING WHAT HAIRSTON WANTED HIM TO SAY.

58 19900419 HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR

MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 BURWINKLE 19 19 "HAVE YOU GUYS FIGURED OUT HOW COME THE DIESEL STARTS WHEN IT AIN'T SUPPOSED TO?"

58 19900419 SHIPMAN 20 20 "...AND THEY SHOULD NOT BE INCLUDED BECAUSE THEY WERE PART OF THE RETURNING TO SERVICE OF THE DIESEL..." [RE: 3/22 AND 3/23 TRIPS] [MOSBAUGH, AUFDENKAMPE].

58 19900419 SHIPMAN 23 7 "THE PROBLEM WITH THAT IS THAT THAT NUMBER [EDG STARTS] IS GOING TO BE SIGNIFICANTLY LESS THAN WHAT GEORGE TOLD MR. EBNETER, AND, YOU KNOW, IT'S GOING TO CREATE A SELLING JOB FOR ME, I THINK, BUT EVENTUALLY THAT'S THE ONLY WAY WE CAN TELL A VALID STORY..

58 19900419 SHIPMAN 23 8 "...[CONT. OF PG. 23, LINE 7] THAT YOU KNOW, WE CAN DEFEND. IF SOMEBODY CALLS ALLEN MOSBAUGH, BILL SHIPMAN, AND JOHN AUFDENKAMPE AGAIN TO TESTIFY, THAT'S THE STORY I WANT TO TELL." [TO MOSBAUGH, AUFENDKAMPE RE COUNTING STARTS AFTER DIESEL DEC. OPERABLE]

58 19900419 SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 SHIPMAN 31 7 [RE VEGF SITE HELP ON 4/19 LER] "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

58 19900419 AUFDENKAMPE 34 12 STATED THAT IT REALLY DOESN'T MATTER WHAT START COUNT IS PUT IN THE LER, BECAUSE IF NRC DISAGREES, GPC WILL JUST ISSUE A REVISION [TO MOSBAUGH].

58 19900419 CASH 35 19 STATED NOT SURE IF HE TOLD BOCKHOLD ABOUT FAILURES IN EDG COUNT FOR NRC PRESENTATION. SAID BOCKHOLD KNEW ABOUT FAILURES. [TO MOSBAUGH, AUFDENKAMPE].

58 19900419 CASH 36 3 STATED HE STARTED EDG START COUNT ON 3/20, THE THREE MAINTENANCE STARTS ON NIGHT OF 3/20. [TO: MOSBAUGH, AUFDENKAMPE].

58 19900419 AUFDENKAMPE 36 23 "WE DIDN'T COUNT THE FAILURE, THOUGH." [RE MOSBAUGH'S QUESTION TO CASH ABOUT START FAILURES SINCE 3/20] [AUFDENKAMPE IS REMINDING MOSBAUGH THAT THEY'RE STARTING THE COUNTS IN THE LER AS OF THE END OF THE COMPREHENSIVE TESTING].

75 19900430 AUFDENKAMPE 31 10 "IT SOUNDS LIKE THE MATERIAL FALSE STATEMENT HAS BEEN MADE IN THE LER." [TO MOSBAUGH] [MOSBAUGH HAS A MORE COMPREHENSIVE LIST OF EDG START DATA].

75 19900430 MOSBAUGH 35 2 "I COMPLETED MY REVIEW. I FINALLY SORTED OUT ALL THE STARTS, I THINK." [TO TYNAN] [MOSBAUGH GIVING THIS DATA TO BOCKHOLD].

75 19900430 TYNAN 35 21 "THIRTEEN, FIFTEEN, AND SEVENTEEN ARE RIGHT SMACK IN THE MIDDLE." [TO MOSBAUGH ABOUT EDG PROBLEMS IN THE SERIES OF STARTS].

75 19900430 BEACHER 43 9 STATED THAT CHAFEE WANTS A LIST OF A SEQUENCE OF EDG STARTS FROM THE POINTS BOTH EDG'S WERE DECLARED OPERABLE [TO MOSBAUGH].

75 19900430 MOSBAUGH 47 17 SHOWED KITCHENS THE COMPREHENSIVE LIST OF EDG STARTS AND POINTED OUT FAILURES. [TO KITCHENS].

?????

75 19900430 SWARTZWELDER 53 12 A CONVERSATION WITH MOSBAUGH ABOUT "PROBLEMS" IN MOSBAUGH'S COMPREHENSIVE EDG START LIST. [TO MOSBAUGH, KITCHENS].

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75 19900430 CASH 56 10 INVOLVED WITH VERIFICATION OF MOSBAUGH'S COMPREHENSIVE LIST OF EDG STARTS. [MOSBAUGH].

76 19900430 MOSBAUGH 2 8 TALKED ABOUT REVIEWING HIS COMP. LIST OF EDG STARTS WITH KITCHENS, CASH, SWARTZWELDER ON 4/30. [MOYE, HORTON].

76 19900430 AUFDENKAMPE 9 2 "JIMMY PAUL CASH SAID HE HAD RESEARCHED THE OPERATOR LOGS TO DETERMINE HOW MANY STARTS THERE WERE WITHOUT PROBLEMS..." [MOSBAUGH].

76 19900430 BOCKHOLD 30 18 "THEN WE HAVE TO OBVIOUSLY REVISE THE LER." [TO MOSBAUGH AFTER MOSBAUGH POINTED OUT START PROBLEMS ON HIS COMP. LIST].

76 19900430 BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

83 PARTON 7 5 "WHAT SHOULD THE LER SAY?" [TO MOSBAUGH RE REV 1 TO THE LER].

95 19900504 SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

95 19900504 CHAFEE 28 22 TALKS ABOUT FOREIGN MATERIAL PROBLEMS IN SWITCHES. VEGP PEOPLE STILL NOT SURE OF CAUSE OF SWITCH PROBLEMS. [MOSBAUGH, LOUIS WARD, AUFDENKAMPE, BROCKMAN AND OTHER UNIDENT. VEGP PEOPLE].

95 19900504 MOSBAUGH 43 19 "WELL, BASED ON THE WYLIE TESTING AND THE DEBRIS FOUND IN THE SWITCH, THEY [NRC] STARTED USING THE WORD OPERABILITY." [TO BOCKHOLD ABOUT NRC [BROCKMAN, CHAFEE] AWARENESS OF DEBRIS IN CALCON SWITCH].

95 19900504 BOCKHOLD 46 7 TALKED ABOUT LETTER TO NRC RE S.A.E. AND SAID SOME MINOR ITEMS ARE "NOT THE NRC'S BUSINESS." [TO MOSBAUGH AND OTHER VEGP MANAGERS].

95 19900504 BOCKHOLD 55 21 "NOW I HEARD JOHN GIVE ME SOME SONG AND DANCE THAT WE'D LIKE TO KEEP 'WILL BE REVISED BY' SO WE DON'T MAKE MATERIAL FALSE STATEMENTS AND CHANGE THE WORDS AFTER THE FACT." [MOSBAUGH & VEGP MGRS ABOUT DRAFTING 5/14/90 LTR TO NRC RE COR. ACTIONS ON S.A.E.].

98 19900508 SWARTZWELDER 60 5 TALKED ABOUT REV 1 TO 4/19/90 LER IN PRB. [TO MOSBAUGH, AUFDENKAMPE, FREDERICKS].

99 19900508 MANSFIELD 44 2 "AND WE CONTINUED TO FIGHT WITH THE NRC THROUGH THE ITT." [TO MOSBAUGH, HORTON].

99 19900508 MANSFIELD 44 19 "...THE ATTITUDE IS WE'RE NOT GOING TO GET OUR LICENSE IF WE DON'T DO WHAT THEY [NRC] WANT. NOW WE'VE GOT OUR LICENSE AND WE'RE FIGHTING." [TO MOSBAUGH].

99 19900508 MANSFIELD 48 7 "THE WORST THING THAT CAN HAPPEN IS THAT YOU DON'T OPERATE IT SAFELY AND YOU INJURE PEOPLE." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 48 13 "...WE GO TO EXTREMES WITH TECH SPEC INTERPRETATIONS TO KEEP THIS PLANT RUNNING AND WE'VE DONE IT FOR YEARS." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 48 24 "WE [GPC/VEGP] HAVE AN ATTITUDE THAT BRINGING THIS PLANT DOWN IS THE WORST THING THAT COULD HAPPEN. AND IT'S NOT THE WORST THING THAT CAN HAPPEN." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

99 19900508 MANSFIELD 53 4 "...YOUR DEPARTMENT [OPS] IS PART OF THIS CLIQUE. [MEANING THE CLIQUE HE IS AFRAID TO TELL ABOUT VEGP'S ATTITUDE ABOUT KEEPING THE PLANT RUNNING.] [TO GREENE].

101 19900508 BOCKHOLD 1 15 "IS THERE SOMETHING BESIDES I'M SCREWING UP AND STARTING THE WRONG DIESEL...?" [TO MOSBAUGH AFTER MOSBAUGH NOTIFIED HIM ABOUT THE MISTAKEN START OF THE A DIESEL].

101 19900508 BOCKHOLD 2 24 "I WOULD DO NOTHING WITH IT EXCEPT FOR YOUR HAVING THE PEOPLE LOOK AT THE LER CORRECTION." [TO MOSBAUGH RE MISTAKEN START OF A DIESEL].

155 19900608 AUFDENKAMPE 43 8 EXPLAINED TO BAILEY LANGUAGE & BASES FOR CHANGE IN EDG STARTS IN LER REV 1. TOLD BAILEY BIRMINGHAM HAD THE APPROVED LER REV FOR AT LEAST TWO WEEKS. TOLD BAILEY HE WANTS TO CORRECT THE COAR IN THE COVER LTR. TO LER REV. [BAILEY ON PHONE, MOSBAUGH].

158 19900611 MOSBAUGH 8 23 SAID NRC LET TEAM AWARE OF DIESEL PROBLEM HISTORY AT VEGP. CITED 100 PLUS WORK ORDERS ON SWITCHES. [HORTON].

159 19900611 AUFDENKAMPE 5 17 "HAIRSTON WON'T SIGNOUT THE LER." [WEBB, MOSBAUGH] [RE REV 1, LER THAT WAS PRB APPROVED AND SENT TO BIRMINGHAM IN MID-MAY].

159 19900611 AUFDENKAMPE 6 6 "THEY'RE GOING TO HAVE QA AUDITS." [BIRMINGHAM GOING TO HAVE VEGP SITE QA DO AN AUDIT ON THE DIESEL START COUNTS] [TO MOSBAUGH, WEBB].

159 19900611 FREDERICKS 7 11 "SHOULDN'T TAKE MORE THAN A COUPLE OF DAYS. I WAS GIVEN THE GUIDELINES THAT IT HAD TO BE DONE BEFORE THE LER WOULD BE SIGNED." [TO MOSBAUGH].

159 19900611 AUFDENKAMPE 11 3 TALKED ABOUT HOW THE CORPORATE PEOPLE IN BIRMINGHAM WERE GOING TO TELL NRC THAT THE INACCURATE LOGS CAUSED EDG COUNT PROBLEM. [TO MOSBAUGH].

159 19900611 SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSBAUGH RE REV TO LER].

159 19900611 MOSBAUGH 38 9 TALKED ABOUT NOT BEING ABLE TO USE "VALID" IN LER REV TO REFER TO EDG TESTS. [TO ODOM].

160 19900612 WEBB 5 18 "GEORGE [BOCKHOLD] DID. HE SAID HE WANTED NEW -- NEW INFO." [BOCKHOLD INSTRUCTED WEBB TO USE THE VALID START TERMINOLOGY IN THE LER REV] [TO MOSBAUGH].

160 19900612 MOSBAUGH 8 13 "THERE'S A LOT WRONG WITH IT [LER

REV], AND I WOULD JUST BE REAL CAUTIOUS IF I WERE YOU." [TO AUFDENKAMPE].

160 19900612 AUFDENKAMPE 9 11 "I THINK WE OUGHT TO JUST GO TELL THE RESIDENTS WE LIED IN THE FIRST LER... AND THE LETTER." [TO MOSBAUGH].

160 19900612 AUFDENKAMPE 10 4 "NOBODY IS GOING TO WRITE A LETTER AND SAY WE LIED TO YOU THE FIRST TIME, NRC." [TO MOSBAUGH, JUSTIFYING HIS IDEA TO GO TELL THE RESIDENTS].

160 19900612 HORTON 23 14 "I ASSUME FROM CORPORATE MEETING. THEY'RE CHANGING THE RESPONSE...THE LER." [TO MOSBAUGH, FREDERICKS].

160 19900612 FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG STARTS].

160 19900612 FREDERICKS 24 10 "I'M SUPPOSED TO NOT ONLY COME UP WITH A NUMBER; I'M SUPPOSED TO COME UP WITH WHY THE DISCREPANCY EXISTS." [TO MOSBAUGH RE EDG START COUNT].

160 19900612 FREDERICKS 24 25 "HOW COULD THEY [CORPORATE] HAVE REVVED THE NUMBERS? THEY DON'T HAVE THE NUMBERS." [TO MOSBAUGH].

160 19900612 FREDERICKS 25 4 "SOMEBODY CHANGED IT TO SAY 'VALID' STARTS." [TO MOSBAUGH RE LER REV].

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160 19900612 HORTON 30 1 "WELL, THE CONSISTENCY IS DOWN THE TUBE BECAUSE THE FIRST LER THAT WENT OUT IS INCORRECT." [TO AJLUNI, FREDERICKS, MOSBAUGH].

160 19900612 AJLUNI 33 6 TALKED TO HORTON AND FREDERICKS ABOUT THE CHANGES IN EDG START INFO FROM COAR TO LER TO REV1 OF LER.

167 19900615 AUFDENKAMPE 23 21 "I BRIEFED THE RESIDENTS, AND THEY TALKED TO BROCKMAN, AND THEY SAID THAT WAS FINE." [TO MOSBAUGH RE TELLING NRC OF INCORRECT STATEMENT IN LER].

167 19900615 AUFDENKAMPE 23 23 "I TOLD THEM THAT WE HAD AN INCORRECT STATEMENT IN THE LER." [TO MOSBAUGH ABOUT TELLING NRC RESIDENTS].

167 19900615 MOSELY 67 14 "I'VE TABULATED THE DATA, BUT...HAVEN'T...DONE ANY COUNTING IN TERMS OF VALID FAILURES, VALID STARTS..." [TO MOSBAUGH] [MOSELY IS O' WHO OBTAINED EDG START DATA FOR FREDERICKS IN AUDIT FOR REV LER].

167 19900615 MOSELY 71 4 TOLD MOSBAUGH THAT BAILEY CALLED, LOOKING FOR BOCKHOLD, AND HAD ASKED HIM [MOSLEY] ABOUT VALID FAILURES.

168 19900618 ODOM 51 13 TALKED TO MOSBAUGH ABOUT STALLING ON A WAIVER, AND ABOUT A TOTAL RE-WRITE OF THE LER REVISION.

✓ 184 19900830 HORTON 7 2 "WELL, THERE'S TWO QUEST ONABLE THINGS WE GOTTA RESOLVE, WHETHER WE'RE GOING TO DECLARE IEM [STARTS] SUCCESSFUL OR NOT. ONE ON EACH [DIESEL] RIGHT I' HE MIDDLE OF THE STRING [OF STARTS]." [TO MOSBAUGH].

✓ 184 19900830 HORTON 7 23 "WE CAUSED THAT TRIP. IT WOULDN'T HAVE TRIPPED ON BLACK TUESDAY. I'LL LET GEORGE [BOCKHOLD] CALL THAT ONE."

✓ 184 19900830 HORTON 8 2 "THE B TRAIN IS THE ONE THAT YOU IDENTIFIED. WHERE IT DIDN'T TRIP, IT SHOULD HAVE." [TO MOSBAUGH ABOUT A DIFFERENT KIND OF EDG PROBLEM].

✓ 184 19900830 PARTON 9 7 "DID WE COME UP WITH AS MANY [SUCCESSFUL STARTS] AS WE THOLD THEM [NRC]?" [TO MOSBAUGH, HORTON].

✓ 184 19900830 HORTON 9 8 "NO, WE UNDERSTAND THAT." [TO PARTON, MOSBAUGH, IN RESPONSE TO PARTON'S QUESTION RE COMING UP WITH AS MANY SUCCESSFUL STARTS AS GPC TOLD NRC].

✓ 184 19900830 HORTON 15 22 "IT WAS AN UNPLANNED TRIP. I WOULD LIKE TO CALL IT AN UNPLANNED TRIP, HOWEVER, DECLARE IT A SUCCESS." [TO AUFDENKAMPE, MOSBAUGH, BOCKHOLD].

✓ 184 19900830 BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

✓ 184 19900830 BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS

SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

✓ 184 19900830 HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

184 19900830 GREENE 30 21 "IT'S EXPLAINED IN DETAIL IN THE PAPER...IT ISN'T A CASE OF TAKE IT OUT OF HERE AND IT'S LOST. [TO HORTON, AUFDENKAMPE, MOSBAUGH, BOCKHOLD RE TAKING OUT EXPLANATORY PHRASE IN COVER LETTER ABOUT MORE STARTS THAN REPORTED].

184 19900830 BOCKHOLD 32 5 "WHY, IF IT AIN'T IN TH' TABLE, WHY FLAG IT IN THE PORTION OF THE LETTER?" [TO GREENE, HORTON, AUFDENKAMPE, MOSBAUGH].

184 19900830 HORTON 33 9 HORTON HAS A PROBLEM WITH USING THE WORDS "APPEAR TO BE THE RESULT OF" WHEN REFERRING TO THE ERRORS IN THE 4/9 LETTER & ORIGINAL LER. HE THINKS IT SHOULD BE "WERE THE RESULT OF." [TO BOCKHOLD, GREENE, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

✓ 184 19900830 BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

✓ 184 19900830 GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

186 19900629 FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 FREDERICKS 40 25 "...AND WHEN IT [COAR] SAYS 'NO PROBLEMS OR FAILURES DURING ANY OF THESE STARTS' THAT BURNS YOU UP." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 FREDERICKS 42 22 "...WHAT THEN THEY'RE [CORPORATE] GOING TO DO IS SAY A MORE ACCURATE MEASURE OF THE RELIABILITY WAS THE VALID..." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE...I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 ODOM 47 21 "I DON'T KNOW WHERE IT ['SUBSEQUENT TO THE EVENT' TERMINOLOGY] CAMEFROM. I JUST CALLED HARRY [MAJORS]

AND TOLD HARRY, 'STOP THE PRESS. IT'S NOT RIGHT.'" [TO MOSBAUGH, TYNAN].

186 19900629 TYNAN 47 24 "WHY CAN'T WE GET THROUGH WHAT WE [PRB] KEEP APPROVING AND SENDING OFF SITE?" [TO MOSBAUGH, ODOM RE DRAFTS OF LER REV'S].

186 19900629 ODOM 48 13 "YOU WRITE THE NRC AND TELL THEM THE FALSE STATEMENT IN THE REVISION...YOU DON'T TRY A MINOR TYPORGRAPHIC ERROR. YOU TELL WHY YOU KNOW." [TO MOSBAUGH, TYNAN RE LER REV].

187 19900629 WEBB 3 15 "...IT GIVES THE IMPRESSION THAT ALL THE TESTS AFTER THAT MAY HAVE BEEN SURVEILLANCE PROCEDURES TOO, AND THEY WEREN'T. ...THERE WERE INVALID TESTS IN THERE ALSO." [TO MOSBAUGH RE LER REVS].

187 19900629 WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

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187 19900629 MOSBAUGH 14 16 "I'M JUST SAYING THAT THE REV PROPOSED ON 5/8 IS NO DIFFERENT THAN THIS [6/29]. NOW WHY WASN'T THAT SUBMITTED?" [TO WEBB, TYNAN].

✓ 187 19900629 FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

✓ 187 19900629 HORTON 20 12 "WELL, WHAT WAS WRONG WITH OUR DIESEL START RECORD KEEPING PRACTICES?" [TO FREDERICKS, MOSBAUGH, RE WHETHER PRACTICES WERE CAUSE OF FALSE DATA GIVEN TO NRC 4/9].

✓ 187 19900629 FREDERICKS 26 23 "THE SHIFT SUPERVISOR'S LOG IS NOT AN ACCURATE RECORD OF WHAT HAPPENED." [TO MOSBAUGH, HORTON].

✓ 187 19900629 MOSBAUGH 42 9 PUTS GREENE ON NOTICE THAT ATTRIBUTING THE ERROR IN EDG STARTS TO POOR RECORD PRACTICES/END OF TEST PROGRAM IS NOT TRUE.

- ✓ 187 19900629 MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].
- ✓ 187 19900629 GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].
- ✓ 187 19900629 MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."
- ✓ 187 19900629 MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].
- ✓ 187 19900629 GREENE 56 8 GREENE SUGGESTED TO MAJORS TO USE THE WORD "DIFFERENCE" V. "DISCREPANCY" IN LER REV COVER LETTER BECAUSE "DISCREPANCY" MEANT ADMITTING A MISTAKE. MAJORS LIKED THE IDEA.
- ✓ 187 19900629 MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].
- ✓ 187 19900629 MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].
- ✓ 187 19900629 MAJORS 62 4 TO MOSBAUGH ABOUT HAIRSTON CONSCIOUSLY THINKING THAT THE NRC MIGHT INTERPRET THE "CORRECTION" COVER LETTER AS NOT ADDRESSING THE 4/9 COAR.
- ✓ 187 19900629 MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9 LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

187 19900629 GREENE 66 15 TRIED TO TALK MOSBAUGH ABOUT EDG AIR RECEIVER VALVES STICKING.

199 19900711 KOCHERY 8 1 TO MOSBAUGH ABOUT EDG AIR RECEIVER VALVES STICKING.

199 19900711 MOYE 11 1 TALKED TO MOSBAUGH, MANSFIELD, BURWINKLE, ABOUT THE 4TH TIME THE SAME PROBLEM HAS HAPPENED TO THE 2A EDG.

199 19900711 MANSFIELD 11 6 TO MOSBAUGH, BURWINKLE, MOYE ABOUT CHAFFEE TELLING THEM THEY COULD HAVE AVOIDED THE 3/20 EVENT BY BEING MORE PERSISTENT IN RESOLVING REPEAT PROBLEMS WITH THE DIESELS.

199 19900711 MANSFIELD 14 3 TOLD MOSBAUGH, MOYE ABOUT AN INSUFFICIENT "AIR ROLL" BEING A DIESEL PROBLEM.

199 19900711 HORTON 27 15 TO MOSBAUGH ABOUT 2A EDG BEING IN A 72 HOUR LCO DUE TO AN INSUFFICIENT AIR ROLL. IT WAS DECLARED INOPERABLE.

200 19900711 MOSBAUGH 8 1 TO MANSFIELD, KOCHERY, STOKES ABOUT EDG AIR ROLL PROBLEMS.

204 19900713 7/11 OSOS 2 23 TOLD BOCKHOLD ABOUT 2A EDG STILL BEING INOP. PROBLEM IS CLEARANCES ON AIR START PILOT VALVES AND OIL IN AIR START PILOT VALVE LINES.

204 19900713 HORTON 16 5 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

205 19900713 KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE.

205 19900713 MOSBAUGH 20 9 TALKED ABOUT SCOTT HARGIS RECALLING THE AIR ROLL PROBLEM ON THE UNIT 1 EDG ALSO. [TO FREDERICKS, KITCHENS, BOCKHOLD].

216 19900724 MANSFIELD 4 14 "DID YOU HEAR WE HAD A DIESEL FAIL TO START?" [TO MOSBAUGH, AUFDENKAMPE].

217 19900724 HORTON 25 11 "BUT WE GOT ANYWHERE BETWEEN A QUART AND TWO GALLONS...[OF JACKET WATER OUT OF THE COMBUSTION AIR DRAIN VALVES] [TO MOSBAUGH].

220 19900726 MOSBAUGH 9 21 "THERE WAS A FAILURE TO START THAT WAS UNDOCUMENTED ON UNIT 1. THERE HAVE BEEN FOUR ON UNIT 2..." [TO AUFDENKAMPE].

220 19900726 AUFDENKAMPE 10 15 "IT WAS IN THE -- IN THE DIESEL, THE TAPE ON THE DIESEL...THEY PUSHED THE BUTTON, AND IT DIDN'T START." [TO MOSBAUGH RE PAINTED-OVER TAPE ON DIESEL].

222 19900727 MANSFIELD 37 4 "...THE CONTAINMENT COOLING FUNCTION WOULD HAVE BEEN DEGRADED. I MEAN, THAT'S A LIE...IT WOULD HAVE BEEN NON-EXISTANT." [TO MOSBAUGH RE LER ON EDG TAPING].

222 19900727 MANSFIELD 38 6 "...A BLATANT LIE." [FINISHED MOSBAUGH'S STATEMENT ABOUT TAPED DIESEL LER.

222 19900727 MANSFIELD 38 17 "SO AL, LOSS OF A SAFETY FUNCTION FROM A SINGLE EVENT IS A 4 HOUR REPORT. HOW DO YOU DEAL WITH THAT WHEN YOU FIND OUT ABOUT IT MONTHS LATER?" [TO MOSBAUGH RE EDG TAPING].

222 19900727 MOSBAUGH 39 3 "APPARENTLY, STRINGFELLOW THOUGHT IT [TAPED EDG] WAS A 4 HOUR." [REPORT REQUIREMENT] [TO MOSBAUGH].

222 19900727 HINES 39 17 "DIESEL GENERATOR 1A CONTROL AIR LEAK AND THERE IS NOT AN LCO WRITTEN AGAINST IT." [TO MOSBAUGH, MANSFIELD].

234 19900803 SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 SHIPMAN 40 8 "IT'S IMPORTANT FOR ME TO KNOW THAT WE IDENTIFIED..." [THE CONNECTION BETWEEN THE 7/5 AND 7/11 EDG FAILURES, AS OPPOSED TO THE NRC ID'ING IT].

234 19900803 SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

✓ 246 19900813 BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

✓ 253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

✓ 253 19900815 MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

✓ 253 19900815 BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

✓ 253 19900815 MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

✓ 253 19900815 BOCKHOLD 15 2 DESCRIBES HIS RECOLLECTION OF THE SEQUENCE OF EVENTS RE EDG PRESENTATION TO NRC ON 4/9, AND HOW 4/9 COAR RESPONSE WAS CREATED. [FULL DISCUSSION ABOUT 4/19 LER

CONFERENCE CALL INCLUDED THROUGH PAGE 19].

258 19900817 WILLIAMS 8 15 "AND THEN LAST NIGHT [8/16/90] THE 1B DIESEL GENERATOR AUTO-STARTED FOR NO APPARENT REASON." [TO BOCKHOLD, A.M., AT MORNING STATUS MEETING ON LAST DAY OF NRC SPECIAL INSPECTION.]

258 19900817 HORTON 20 24 "...THERE MAY BE A RELATIONSHIP [TO THE 1B DIESEL AUTO-STARTING] TO ANOTHER SLAVE RELAY TEST." [TO A.M., MANSFIELD, IN ENGINEERING MEETING.]

✓ 258 19900817 BOCKHOLD 24 17 "...ALLEN CAME TO ME AND SAID, 'HEY, THE INFORMATION [4/9 EDG START INFO] IS WRONG' AND I TOLD ALLEN TO GET THE STAFF TO FIX IT." [TO FREDERICKS, WHO QUESTIONED IF ANYONE HAD ANY CONTENTION ABOUT THE CORRECTNESS OF THE 4/9 DATA.]

✓ 258 19900817 MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

✓ 258 19900817 BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES, BUT...[HE] BELIEVES IT WASN'T AN INTENTIONAL MISTAKE..." [TO MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES VS. ACTUAL SITUATION.]

✓ 260 19900817 AUFDENKAMPE 8 3 TALKS ABOUT BOCKHOLD HAVING SIGNED OFF ON THE COVER LETTER TO REV 1 OF THE LER [6/29] IN MID MAY. [TO MOSBAUGH, CHESTNUT] [CHESTNUT IS TAKING J.G.A.'S PLACE AS TECHNICAL MANAGER.]

264 19900828 ODOM 39 18 "IT'S GOT A MIND OF ITS OWN." [REFERS TO AN INADVERTENT, UNEXPLAINED UNIT 1 DIESEL START ON 8/16-17/90.] [TO A.M., COPELAND.]

✓ 266 19900829 BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO A.M., GREENE, HORTON]

267 19900829 KOCHERY 32 8 DISCUSSES ANOTHER CURRENT PROBLEM WITH THE 1A EDG. A VOLTAGE REGULATOR PROBLEM. THE 1A EDG HAS BEEN DECLARED INOPERABLE. [TO MOSBAUGH] [MOSBAUGH SAYS THIS PROBLEMS HAS EXHIBITED ITSELF BEFORE.]

✓ 267 19900829 HORTON 41 22 "...WE JUST NEED TO MAKE IT AS REASONABLY ACCURATE AS WE CAN, BECAUSE THE LIABILITY I SEE IS SUBSTANTIAL." [TO A.M., RE EDG START DATA STILL BEING COMPILED JUST PRIOR TO ENFORCEMENT CONFERENCE ON SITE AREA EMERGENCY.]

✓ 267 19900829 STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, A.M., DANNEMILLER.]

✓ 269 19900830 AUFDENKAMPE 1 25 TALKS ABOUT BOCKHOLD "GUIDING" THE PRB ABOUT THE WORDING AND CONTENT OF THE LETTER THAT SUPPOSEDLY CORRECTED THE "INCORRECT" EDG START DATA GIVEN TO NRC IN APRIL. [TO MOSBAUGH.]

STATEMENTS PERTINENT TO AJLUNI

160 19900612 HORTON 30 1 "WELL, THE CONSISTENCY IS DOWN THE TUBE BECAUSE THE FIRST LER THAT WENT OUT IS INCORRECT." [TO AJLUNI, FREDERICKS, MOSBAUGH].

160 19900612 AJLUNI 33 6 TALKED TO HORTON AND FREDERICKS ABOUT THE CHANGES IN EDG START INFO FROM COAR TO LER TO REV1 OF LER.

STATEMENTS PERTINENT TO AUFDENKAMPE

41 19900411 BEACHER 74 11 COMMENTED TO MOSBAUGH AND AUFDENKAMPE ABOUT TELECOPYING AN APPARENTLY INCOMPLETE DEWPOINT MEASUREMENT HISTORY FOR PAST YEAR TO CHAFFEE (NRC), BROCKMAN (NRC), LOUIS WARD, & KEN BURR.

42 19900411 AUFDENKAMPE 13 1 TOLD MOSBAUGH THAT IT'S NOT GPC'S OBLIGATION TO TELL NRC THAT "WE" (GPC/VEGP) FEEL WE HAVE AIR PROBLEMS OR THAT WE FOUND AN AIR PROBLEM.

57 19900419 STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. JGA SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 AUFDENKAMPE 91 4 "WE THINK THAT'S BASICALLY A MATERIAL FALSE STATEMENT." [TO STRINGFELLOW, MOSBAUGH, REFERRING TO 20 STARTS WITHOUT FAILURES OR PROBLEMS SINCE MAR 20].

57 19900419 AUFDENKAMPE 91 7 "...WE KNOW FOR A FACT THAT THE B DIESEL TRIPPED AT LEAST ONCE AFTER MARCH 20TH." [TO STRINGFELLOW].

57 19900419 STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 STRINGFELLOW 94 11 RECOGNIZED THEY "WERE DOWN TO " THE "20 TIMES EACH" QUESTION IN THE WORDING OF THE LER. [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 STRINGFELLOW 96 8 "IT JUST DAWNED ON ME WHAT AL WAS SAYING A MINUTE AGO. IN OTHER WORDS, IF WE SAY NO FAILURES OR PROBLEMS OCCURRED IN ANY STARTS, YOU'RE SAYING THAT'S NOT TRUE." "OH, WONDERFUL, O.K." [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 AUFDENKAMPE 96 15 "BECAUSE, YOU KNOW, WE...THIS HAS BEEN WRITTEN TO THE NRC ONCE ALREADY." [STRINGFELLOW RESPONDS BY SAYING THAT WAS EXACTLY WHAT HE WAS THINKING].

57 19900419 MOSBAUGH 97 4 ASKED AUFDENKAMPE IF HE HAD HAIRSTON'S COAR LETTER, "BECAUSE THAT'S THE ONE..." - AUFDENKAMPE INTERRUPTED SAYING "WHERE THEY LIED...I MEAN THEY..." MOSBAUGH FINISHED THE THOUGHT BY SAYING, "...MADE THAT STATEMENT [NO FAILURES OR PROBLEMS] PREVIOUSLY."

57 19900419 AUFDENKAMPE 118 25 "WHAT BIRMINGHAM IS THINKING NOW IS THEY MADE A MATERIAL FALSE STATEMENT IN THE APRIL 9TH LETTER. [TO MOSBAUGH, ODOM].

58 19900419 MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 SHIPMAN 20 20 "...AND THEY SHOULD NOT BE INCLUDED BECAUSE THEY WERE PART OF THE RETURNING TO SERVICE OF THE DIESEL..." [RE: 3/22 AND 3/23 TRIPS] [MOSBAUGH, AUFDENKAMPE].

58 19900419 SHIPMAN 23 8 "...[CONT. OF PG. 23, LINE 7] THAT YOU KNOW, WE CAN DEFEND. IF SOMEBODY CALLS ALLEN MOSBAUGH, BILL SHIPMAN, AND JOHN AUFDENKAMPE AGAIN TO TESTIFY, THAT'S THE STORY I WANT TO TELL." [TO MOSBAUGH, AUFENDKAMPE RE COUNTING STARTS AFTER DIESEL DEC. OPERABLE]

58 19900419 SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER] "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

58 19900419 AUFDENKAMPE 34 12 STATED THAT IT REALLY DOESN'T MATTER WHAT START COUNT IS PUT IN THE LER, BECAUSE IF NRC DISAGREES, GPC WILL JUST ISSUE A REVISION [TO MOSBAUGH].

58 19900419 CASH 35 19 STATED NOT SURE IF HE TOLD BOCKHOLD ABOUT FAILURES IN EDG COUNT FOR NRC PRESENTATION. SAID BOCKHOLD KNEW ABOUT FAILURES. [TO MOSBAUGH, AUFDENKAMPE].

58 19900419 CASH 36 3 STATED HE STARTED EDG START COUNT ON 3/20, THE THREE MAINTENANCE STARTS ON NIGHT OF 3/20. [TO: MOSBAUGH, AUFDENKAMPE].

58 19900419 AUFDENKAMPE 36 23 "WE DIDN'T COUNT THE FAILURE, THOUGH." [RE MOSBAUGH'S QUESTION TO CASH ABOUT START FAILURES SINCE 3/20] [AUFDENKAMPE IS REMINDING MOSBAUGH THAT THEY'RE STARTING THE COUNTS IN THE LER AS OF THE END OF THE COMPREHENSIVE TESTING].

75 19900430 AUFDENKAMPE 31 10 "IT SOUNDS LIKE THE MATERIAL FALSE STATEMENT HAS BEEN MADE IN THE LER." [TO MOSBAUGH] [MOSBAUGH HAS A MORE COMPREHENSIVE LIST OF EDG START DATA].

76 19900430 AUFDENKAMPE 9 2 "JIMMY PAUL CASH SAID HE HAD RESEARCHED THE OPERATOR LOGS TO DETERMINE HOW MANY STARTS THERE WERE WITHOUT PROBLEMS..." [MOSBAUGH].

95 19900504 CHAFEE 28 22 TALKS ABOUT FOREIGN MATERIAL PROBLEMS IN SWITCHES. VEGP PEOPLE STILL NOT SURE OF CAUSE OF SWITCH PROBLEMS. [MOSBAUGH, LOUIS WARD, AUFDENKAMPE, BROCKMAN AND OTHER UNIDENT. VEGP PEOPLE].

98 19900508 SWARTZWELDER 60 5 TALKED ABOUT REV 1 TO 4/19/90 LER IN PRB. [TO MOSBAUGH, AUFDENKAMPE, FREDERICKS].

155 19900608 AUFDENKAMPE 43 8 EXPLAINED TO BAILEY LANGUAGE & BASES FOR CHANGE IN EDG STARTS IN LER REV 1. TOLD BAILEY BIRMINGHAM HAD THE APPROVED LER REV FOR AT LEAST TWO WEEKS. TOLD BAILEY HE WANTS TO CORRECT THE COAR IN THE COVER LTR. TO LER REV. [BAILEY ON PHONE, MOSBAUGH].

159 19900611 AUFDENKAMPE 5 17 "HAIRSTON WON'T SIGNOUT THE LER." [WEBB, MOSBAUGH] [RE REV 1, LER THAT WAS PRB APPROVED AND SENT TO BIRMINGHAM IN MID-MAY].

159 19900611 AUFDENKAMPE 6 6 "THEY'RE GOING TO HAVE QA AUDITS." [BIRMINGHAM GOING TO HAVE VEGP SITE QA DO AN AUDIT ON THE DIESEL START COUNTS] [TO MOSBAUGH, WEBB].

159 19900611 AUFDENKAMPE 11 3 TALKED ABOUT HOW THE CORPORATE PEOPLE IN BIRMINGHAM WERE GOING TO TELL NRC THAT THE INACCURATE LOGS CAUSED EDG COUNT PROBLEM. [TO MOSBAUGH].

160 19900612 MOSBAUGH 8 13 "THERE'S A LOT WRONG WITH IT [LER REV], AND I WOULD JUST BE REAL CAUTIOUS IF I WERE YOU." [TO AUFDENKAMPE].

160 19900612 AUFDENKAMPE 9 11 "I THINK WE OUGHT TO JUST GO TELL THE RESIDENTS WE LIED IN THE FIRST LER... AND THE LETTER." [TO MOSBAUGH].

160 19900612 AUFDENKAMPE 10 4 "NOBODY IS GOING TO WRITE A LETTER AND SAY WE LIED TO YOU THE FIRST TIME, NRC." [TO MOSBAUGH, JUSTIFYING HIS IDEA TO GO TELL THE RESIDENTS].

167 19900615 AUFDENKAMPE 23 21 "I BRIEFED THE RESIDENTS, AND THEY TALKED TO BROCKMAN, AND THEY SAID THAT WAS FINE." [TO MOSBAUGH RE TELLING NRC OF INCORRECT STATEMENT IN LER].

167 19900615 AUFDENKAMPE 23 23 "I TOLD THEM THAT WE HAD AN INCORRECT STATEMENT IN THE LER." [TO MOSBAUGH ABOUT TELLING NRC RESIDENTS].

184 19900830 HORTON 15 22 "IT WAS AN UNPLANNED TRIP. I WOULD LIKE TO CALL IT AN UNPLANNED TRIP, HOWEVER, DECLARE IT A SUCCESS." [TO AUFDENKAMPE, MOSBAUGH, BOCKHOLD].

184 19900830 BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

184 19900830 GREENE 30 21 "IT'S EXPLAINED IN DETAIL IN THE PAPER...IT ISN'T A CASE OF TAKE IT OUT OF HERE AND IT'S LOST. [TO

HORTON, AUFDENKAMPE, MOSBAUGH, BOCKHOLD RE TAKING OUT EXPLANATORY PHRASE IN COVER LETTER ABOUT MORE STARTS THAN REPORTED].

184 19900830 BOCKHOLD 32 5 "WHY, IF IT AIN'T IN THE TABLE, WHY FLAG IT IN THE PORTION OF THE LETTER?" [TO GREENE, HORTON, AUFDENKAMPE, MOSBAUGH].

184 19900830 HORTON 33 9 HORTON HAS A PROBLEM WITH USING THE WORDS "APPEAR TO BE THE RESULT OF" WHEN REFERRING TO THE ERRORS IN THE 4/9 LETTER & ORIGINAL LER. HE THINKS IT SHOULD BE "WERE THE RESULT OF." [TO BOCKHOLD, GREENE, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

216 19900724 MANSFIELD 4 14 "DID YOU HEAR WE HAD A DIESEL FAIL TO START?" [TO MOSBAUGH, AUFDENKAMPE].

220 19900726 MOSBAUGH 9 21 "THERE WAS A FAILURE TO START THAT WAS UNDOCUMENTED ON UNIT 1. THERE HAVE BEEN FOUR ON UNIT 2..." [TO AUFDENKAMPE].

220 19900726 AUFDENKAMPE 10 15 "IT WAS IN THE -- IN THE DIESEL, THE TAPE ON THE DIESEL...THEY PUSHED THE BUTTON, AND IT DIDN'T START." [TO MOSBAUGH RE PAINTED-OVER TAPE ON DIESEL].

258 19900817 MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

258 19900817 BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES, BUT...[HE] BELIEVES IT WASN'T AN INTENTIONALMISTAKE..." [TO MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES VS. ACTUAL SITUATION.]

260 19900817 AUFDENKAMPE 8 3 TALKS ABOUT BOCKHOLD HAVING SIGNED OFF ON THE COVER LETTER TO REV 1 OF THE LER [6/29] IN MID MAY. [TO MOSBAUGH, CHESTNUT] [CHESTNUT IS TAKING J.G.A.'S PLACE AS TECHNICAL MANAGER.]

269 19900830 AUFDENKAMPE 1 25 TALKS ABOUT BOCKHOLD "GUIDING" THE PRB ABOUT THE WORDING AND CONTENT OF THE LETTER THAT SUPPOSEDLY CORRECTED THE "INCORRECT" EDG START DATA GIVEN TO NRC IN APRIL. [TO MOSBAUGH.]

STATEMENTS PERTINENT TO BAILEY

155 19900608 EDG AUFDENKAMPE 43 8 EXPLAINED TO BAILEY LANGUAGE & BASES FOR CHANGE IN EDG STARTS IN LER REV 1. TOLD BAILEY BIRMINGHAM HAD THE APPROVED LER REV FOR AT LEAST TWO WEEKS. TOLD BAILEY HE WANTS TO CORRECT THE COAR IN THE COVER LTR. TO LER REV. [BAILEY ON PHONE, MOSBAUGH].

167 19900615 EDG MOSELY 71 4 TOLD MOSBAUGH THAT BAILEY CALLED, LOOKING FOR BOCKHOLD, AND HAD ASKED HIM [MOSLEY] ABOUT VALID FAILURES.

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS. AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

STATEMENTS PERTINENT TO BOCKHOLD

41 19900411 EDG BOCKHOLD 8 4 DISCUSSES NRC GIVING OK TO GO TO MODE 3. [TO LACKEY, MOSBAUGH]

41 19900411 EDG LACKEY 8 22 TALKS ABOUT GOING TO MODE 3 24 HOURS AFTER MCDE 4. [TO BOCKHOLD, MOSBAUGH]

41 19900411 EDG BOCKHOLD 40 4 TALKS ABOUT NOT LOSING ANY TIME GETTING BACK TO MODE 1, PER PROJECTION. [TO PARTON, HORTON, MOSBAUGH].

41 19900411 EDG BOCKHOLD 43 5 COMMENTS ABOUT NOT DOING GOOD PM'S ON CHECKING AIR DRYER QUALITY FROM 5/88 TO 5/89. [TO KOCHERY, MOSBAUGH]. WOULD THAT FACT AFFECT "THE STATEMENT WE MADE IN OUR LETTER?"

41 19900411 EDG BOCKHOLD 44 7 TALKS ABOUT PM PROGRAM BEING "SUSPECT" IN '89. SAID WE DON'T KNOW IF WE HAD GOOD AIR OR BAD AIR. [TO KOCHERY, MOSBAUGH].

41 19900411 EDG BOCKHOLD 46 9 TALKED ABOUT FSAR REQUIREMENTS AND SOMETIMES NOT BEING ABLE TO MEET THEM. CONCERNED ABOUT HAIRSTON LETTER [COAR RESPONSE 4/9]. STATEMENTS ABOUT AIR QUALITY STILL BEING "VALID." [TO KOCHERY, MOSBAUGH].

41 19900411 EDG BOCKHOLD 50 16 "...ON THE 29TH [MAR 90] OR SO, WE GOT A CRUMMY READING AND NOBODY KNEW ABOUT IT UNTIL MILT HUNT PICKED IT UP." [TO BURMEISTER, MOSBAUGH, STOKES].

41 19900411 EDG MOSBAUGH 50 21 "GEORGE [BOCKHOLD], WE HAD A BAD READING [DEWPOINT/AIR QUALITY] TODAY [4/11/90] 60 DEGREES ON THE 2A DIESEL."

41 19900411 EDG HORTON 51 4 "HAVEN'T WE GOT ANY GOOD READINGS?" [RE: EDG DEWPOINT/ TO BOCKHOLD].

41 19900411 EDG BOCKHOLD 51 6 "NOT ON 2A, 2B." [RESPONDING TO HORTON WHO ASKED IF THERE HAD BEEN ANY GOOD DEWPOINT READINGS].

41 19900411 EDG BOCKHOLD 51 11 "ACTUALLY, I HEARD ABOUT IT JUST BEFORE THE MEETING WITH THE NRC." [TO HORTON, KOCHERY, MOSBAUGH, BURMEISTER RE:BAD DEWPOINT READING].

41 19900411 EDG KOCHERY 52 5 TOLD BOCKHOLD THAT "THEY" STILL RUN THE DIESEL COMPRESSOR EVEN WITH THE AIR DRYERS OUT OF SERVICE.

41 19900411 EDG BOCKHOLD 52 6 "I'LL WRITE A NOTE TO SKIP KITCHENS ON THIS THING." [ACKNOWLEDGES KOCHERY'S NOTIFICATION ABOUT RUNNING COMPRESSORS WITH AIR DRYERS OUT OF SERVICE].

42 19900411 EDG MOSBAUGH 2 16 TO BURWINKLE ABOUT BOCKHOLD CONCLUDING NO AIR QUALITY PROBLEM BECAUSE OF NO CORROSION IN TANK AND NOTHING ON THE FILTER. NOT A COMPREHENSIVE EVALUATION.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG BOCKHOLD 9 6 TOLD MCCOY THAT EDG START COUNT NUMBERS IN 4/9 PRESENTATION BEGAN AFTER COMP. TEST PROGRAM. [EITHER DOESN'T KNOW OR IS B.S. ING MCCOY].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 EDG CASH 35 19 STATED NOT SURE IF HE TOLD BOCKHOLD ABOUT FAILURES IN EDG COUNT FOR NRC PRESENTATION. SAID BOCKHOLD KNEW ABOUT FAILURES. [TO MOSBAUGH, AUFDENKAMPE].

75 19900430 EDG MOSBAUGH 35 2 "I COMPLETED MY REVIEW. I FINALLY SORTED OUT ALL THE STARTS, I THINK." [TO TYNAN] [MOSBAUGH GIVING THIS DATA TO BOCKHOLD].

76 19900430 EDG BOCKHOLD 30 18 "THEN WE HAVE TO OBVIOUSLY REVISE THE LER." [TO MOSBAUGH AFTER MOSBAUGH POINTED OUT START PROBLEMS ON HIS COMP. LIST].

76 19900430 EDG BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, BUT CONCERN GOING IN

WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

95 19900504 EDG MOSBAUGH 43 19 "WELL, BASED ON THE WYLIE TESTING AND THE DEBRIS FOUND IN THE SWITCH, THEY [NRC] STARTED USING THE WORD OPERABILITY." [TO BOCKHOLD ABOUT NRC [BROCKMAN, CHAFEE] AWARENESS OF DEBRIS IN CALCON SWITCH].

95 19900504 EDG BOCKHOLD 46 7 TALKED ABOUT LETTER TO NRC RE S.A.E. AND SAID SOME MINOR ITEMS ARE "NOT THE NRC'S BUSINESS." [TO MOSBAUGH AND OTHER VEGP MANAGERS].

95 19900504 EDG BOCKHOLD 55 21 "NOW I HEARD JOHN GIVE ME SOME SONG AND DANCE THAT WE'D LIKE TO KEEP'WILL BE REVISED BY' SO WE DON'T MAKE MATERIAL FALSE STATEMENTS AND CHANGE THE WORDS AFTER THE FACT." [MOSBAUGH & VEGP MGRS ABOUT DRAFTING 5/14/90 LTR TO NRC RE COR. ACTIONS ON S.A.E.].

101 19900508 EDG BOCKHOLD 1 15 "IS THERE SOMETHING BESIDES I'M SCREWING UP AND STARTING THE WRONG DIESEL...?" [TO MOSBAUGH AFTER MOSBAUGH NOTIFIED HIM ABOUT THE MISTAKEN START OF THE A DIESEL].

101 19900508 EDG BOCKHOLD 2 24 "I WOULD DO NOTHING WITH IT EXCEPT FOR YOUR HAVING THE PEOPLE LOOK AT THE LER CORRECTION." [TO MOSBAUGH RE MISTAKEN START OF A DIESEL].

159 19900611 EDG SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSBAUGH RE REV TO LER].

160 19900612 EDG WEBB 5 18 "GEORGE [BOCKHOLD] DID. HE SAID HE WANTED NEW -- NEW INFO." [BOCKHOLD INSTRUCTED WEBB TO USE THE VALID START TERMINOLOGY IN THE LER REV] [TO MOSBAUGH].

167 19900615 EDG MOSELY 71 4 TOLD MOSBAUGH THAT BAILEY CALLED, LOOKING FOR BOCKHOLD, AND HAD ASKED HIM [MOSLEY] ABOUT VALID FAILURES.

184 19900830 EDG HORTON 7 23 "WE CAUSED THAT TRIP. IT WOULDN'T HAVE TRIPPED ON BLACK TUESDAY. I'LL LET GEORGE [BOCKHOLD] CALL THAT ONE."

184 19900830 EDG HORTON 15 22 "IT WAS AN UNPLANNED TRIP. I WOULD LIKE TO CALL IT AN UNPLANNED TRIP, HOWEVER, DECLARE IT A SUCCESS." [TO AUFDENKAMPE, MOSBAUGH, BOCKHOLD].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 EDG BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 EDG HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 EDG AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT CUT. (CONT.)

184 19900830 EDG BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

184 19900830 EDG GREENE 30 21 "IT'S EXPLAINED IN DETAIL IN THE PAPER...IT ISN'T A CASE OF TAKE IT OUT OF HERE AND IT'S LOST. [TO HORTON, AUFDENKAMPE, MOSBAUGH, BOCKHOLD RE TAKING OUT EXPLANATORY PHRASE IN COVER LETTER ABOUT MORE STARTS THAN REPORTED].

184 19900830 EDG BOCKHOLD 32 5 "WHY, IF IT AIN'T IN THE TABLE, WHY FLAG IT IN THE PORTION OF THE LETTER?" [TO GREENE, HORTON, AUFDENKAMPE, MOSBAUGH].

184 19900830 EDG HORTON 33 9 HORTON HAS A PROBLEM WITH USING THE WORDS "APPEAR TO BE THE RESULT OF" WHEN REFERRING TO THE ERRORS IN THE 4/9 LETTER & ORIGINAL LER. HE THINKS IT SHOULD BE "WERE THE RESULT OF." [TO BOCKHOLD, GREENE, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO

GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 EDG BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

204 19900713 EDG 7/11 OSOS 2 23 TOLD BOCKHOLD ABOUT 2A EDG STILL BEING INOP. PROBLEM IS CLEARANCES ON AIR START PILOT VALVES AND OIL IN AIR START PILOT VALVE LINES.

204 19900713 EDG HORTON 16 5 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

205 19900713 EDG KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE.

205 19900713 EDG MOSBAUGH 20 9 TALKED ABOUT SCOTT HARGIS RECALLING THE AIR ROLL PROBLEM ON THE UNIT 1 EDG ALSO. [TO FREDERICKS, KITCHENS, BOCKHOLD].

246 19900813 EDG BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

253 19900815 EDG BOCKHOLD 15 2 DESCRIBES HIS RECOLLECTION OF THE SEQUENCE OF EVENTS RE EDG PRESENTATION TO NRC ON 4/9, AND HOW 4/9 COAR RESPONSE WAS CREATED. [FULL DISCUSSION ABOUT 4/19 LER CONFERENCE CALL INCLUDED THROUGH PAGE 19].

258 19900817 EDG WILLIAMS 8 15 "AND THEN LAST NIGHT [8/16/90] THE 1B DIESEL GENERATOR AUTO-STARTED FOR NO APPARENT REASON." [TO BOCKHOLD, A.M., AT MORNING STATUS MEETING ON LAST DAY OF NRC SPECIAL INSPECTION.]

258 19900817 EDG BOCKHOLD 24 17 "...ALLEN CAME TO ME AND SAID, 'HEY, THE INFORMATION [4/9 EDG START INFO] IS WRONG' AND I TOLD ALLEN TO GET THE STAFF TO FIX IT." [TO FREDERICKS, WHO QUESTIONED IF ANYONE HAD ANY CONTENTION ABOUT THE CORRECTNESS OF THE 4/9 DATA.]

258 19900817 EDG MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE 1 IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 EDG FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

258 19900817 EDG BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES, BUT...[HE] BELIEVES IT WASN'T AN INTENTIONAL MISTAKE..." [TO MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES VS. ACTUAL SITUATION.]

260 19900817 EDG AUFDENKAMPE 8 3 TALKS ABOUT BOCKHOLD HAVING SIGNED OFF ON THE COVER LETTER TO REV 1 OF THE LER [6/29] IN MID MAY. [TO MOSBAUGH, CHESTNUT] [CHESTNUT IS TAKING J.G.A.'S PLACE AS TECHNICAL MANAGER.]

266 19900829 EDG BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO A.M., GREENE, HORTON]

269 19900830 EDG AUFDENKAMPE 1 25 TALKS ABOUT BOCKHOLD "GUIDING" THE PRB ABOUT THE WORDING AND CONTENT OF THE LETTER THAT SUPPOSEDLY CORRECTED THE "INCORRECT" EDG START DATA GIVEN TO NRC IN APRIL. [TO MOSBAUGH.]

STATEMENTS PERTINENT TO BRINEY

10 19900323 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FREDERICKS, HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY.

10 19900323 FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY (CRITIQUE TEAM MEETING)].

10 19900323 COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 CASH 16 9 "I LEFT THE HIGH TEMPERATURE OUT, AND THE TRIP FOR TWO DIFFERENT PRESSURES (IN AUDIBLE) IT'S A ONE OUT OF ONE ON TRIP, CORRECT." [TO FREDERICKS, KOCHERY, BRINEY, RE: 03-23-90 1B DIESEL TRIP].

10 19900323 COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERY, BRINEY, HOLMES, MOSBAUGH].

10 19900323 COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERY, CASH, HOLMES, BRINEY].

10 19900323 CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY.]

10 19900323 FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES, POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY, CASH.]

10 19900323 BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 KOCHERY 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH,

BRINEY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 CASH 24 13 "...YOU GOT TWO ALARMS. ONE IS HIGH LUBE OIL OUT, HIGH LUBE OIL TEMP. OUT, IT'S 190 DEGREES." [TO BRINEY, KOCHERY, FREDERICKS, MOSBAUGH]

10 19900323 COURSEY 41 11 "...WHAT HE'S GOT TO CALIBRATE IS A PIECE OF GARBAGE [CALCON SWITCHES], AND HE KNOWS THEY'RE ALL GOING TO BLOW." ["HE" COULD BE BRINEY OR VENDOR REP, SHELDON] [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 BRINEY 46 15 "TOO MANY PEOPLE IN THE BOAT..." [TO CASH AND VEGP CRITIQUE TEAM] CONFLICT BETWEEN DIRECTION FROM CRITIQUE TEAM AND OUTAGE MANAGEMENT.

STATEMENTS PERTINENT TO BURR

41 19900411 BEACHER 74 11 COMMENTED TO MOSBAUGH AND AUFDENKAMPE ABOUT TELECOPYING AN APPARENTLY INCOMPLETE DEWPOINT MEASUREMENT HISTORY FOR PAST YEAR TO CHAFFEE (NRC), BROCKMAN (NRC), LOUIS WARD, & KEN BURR.

76 19900430 BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

STATEMENTS PERTINENT TO CASH

10 19900323 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FREDERICKS, HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY.

10 19900323 FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERY, COURSEY, CASH, AND BRINE (CRITIQUE TEAM MEETING)].

10 19900323 COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 CASH 14 20 "THEY DIDN'T RESET ANYTHING ON THE LOCAL CONTROL PANEL. BOTH OF THE ALARMS CAME IN." [CASH PERSONALLY FAMILIAR WITH 03-23-90 TRIP].

10 19900323 CASH 15 1 COMMENT SHOWS CASH'S PERSONAL KNOWLEDGE OF 03-23-90 1B DIESEL TRIP.

10 19900323 CASH 16 9 "I LEFT THE HIGH TEMPERATURE OUT, AND THE TRIP FOR TWO DIFFERENT PRESSURES (IN AUDIBLE) IT'S A ONE OUT OF ONE ON TRIP, CORRECT." [TO FREDERICKS, KOCHERY, BRINEY, RE: 03-23-90 1B DIESEL TRIP].

10 19900323 COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERY, BRINEY, HOLMES, MOSBAUGH].

10 19900323 COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERY, CASH, HOLMES, BRINEY].

10 19900323 CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY.]

10 19900323 FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES, POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY, CASH.]

10 19900323 BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 KOCHERY 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH, BRINEY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 CASH 24 13 "...YOU GOT TWO ALARMS. ONE IS HIGH LUBE OIL OUT, HIGH LUBE OIL TEMP. OUT, IT'S 190 DEGREES." [TO BRINEY, KOCHERY, FREDERICKS, MOSBAUGH]

10 19900323 HOLMES 28 19 SAID THE JACKET WATER TEMP. SENSORS (CALCON SWITCHES) HAD TO BE RECALIBRATED EVERY TIME. [TO CASH AND VEGP CRITIQUE TEAM] [REITERATES ON P.31, LN 12]

10 19900323 HOLMES 33 11 SAID NOTHING HAS BEEN DONE TO CORRECT CALCON CALIBRATION PROBLEM. "JUST BEEN LIVING WITH IT." [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 COURSEY 41 11 "...WHAT HE'S GOT TO CALIBRATE IS A PIECE OF GARBAGE [CALCON SWITCHES], AND HE KNOWS THEY'RE ALL GOING TO BLOW." ["HE" COULD BE BRINEY OR VENDOR REP, SHELDON] [TO CASH AND VEGP CRITIQUE TEAM]

10 19900323 BRINEY 46 15 "TOO MANY PEOPLE IN THE BOAT..." [TO CASH AND VEGP CRITIQUE TEAM] CONFLICT BETWEEN DIRECTION FROM CRITIQUE TEAM AND OUTAGE MANAGEMENT.

57 19900419 SWARTZWELDER 115 25 TALKED ABOUT HAIRSTON NEEDING TO TALK TO OPERATORS WHO RESET ANNUNCIATORS ON DIESEL IN SITE AREA EMERGENCY. IS CONCERNED ABOUT SPECIFICALLY LETTING THESE OPERATORS KNOW THAT HAIRSTON WILL NOT YELL AT THEM. [TO CASH, MOSBAUGH].

58 19900419 CASH 35 19 STATED NOT SURE IF HE TOLD BOCKHOLD ABOUT FAILURES IN EDG COUNT FOR NRC PRESENTATION. SAID BOCKHOLD KNEW ABOUT FAILURES. [TO MOSBAUGH, AUFDENKAMPE].

58 19900419 CASH 36 3 STATED HE STARTED EDG START COUNT ON 3/20, THE THREE MAINTENANCE STARTS ON NIGHT OF 3/20. [TO: MOSBAUGH, AUFDENKAMPE].

58 19900419 AUFDENKAMPE 36 23 "WE DIDN'T COUNT THE FAILURE, THOUGH." [RE MOSBAUGH'S QUESTION TO CASH ABOUT START FAILURES SINCE 3/20] [AUFDENKAMPE IS REMINDING MOSBAUGH THAT THEY'RE STARTING THE COUNTS IN THE LER AS OF THE END OF THE COMPREHENSIVE TESTING].

75 19900430 CASH 56 10 INVOLVED WITH VERIFICATION OF MOSBAUGH'S COMPREHENSIVE LIST OF EDG STARTS. [MOSBAUGH].

76 19900430 MOSBAUGH 2 8 TALKED ABOUT REVIEWING HIS COMP. LIST OF EDG STARTS WITH KITCHENS, CASH, SWARTZWELDER ON 4/30. [MOYE, HORTON].

76 19900430 AUFDENKAMPE 9 2 "JIMMY PAUL CASH SAID HE HAD RESEARCHED THE OPERATOR LOGS TO DETERMINE HOW MANY STARTS THERE WERE WITHOUT PROBLEMS..." [MOSBAUGH].

76 19900430 BOCKHOLD 30 25 TALKED ABOUT MAKING NRC PRESENTATION FROM CASH'S INFO, WITH KEN BURR'S APPROVAL. SAID HE DIDN'T GET TO THE EDG START SLIDE. SAID MAYBE CASH WAS "THINKING OF SOMETHING DIFFERENT" [MISCOMMUNICATION] FROM WHAT BOCKHOLD WANTED OUT OF SLIDE. [TO MOSBAUGH].

184 19900830 BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

246 19900813 BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

STATEMENTS PERTINENT TO COURSEY

10 19900323 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FREDERICKS, HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY.

10 19900323 FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERY, COURSEY, CASH, AND BRINE (CRITIQUE TEAM MEETING)].

10 19900323 COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERY, BRINEY, HOLMES, MOSBAUGH].

10 19900323 COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERY, CASH, HOLMES, BRINEY].

10 19900323 CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY.]

10 19900323 FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES, POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY, CASH.]

10 19900323 BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 KOCHERY 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH, BRINEY, COURSEY, HOLMES.]

10 19900323 BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO

FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 COURSEY 41 11 "...WHAT HE'S GOT TO CALIBRATE IS A
PIECE OF GARBAGE [CALCON SWITCHES], AND HE KNOWS THEY'RE ALL
GOING TO BLOW." ["HE" COULD BE BRINEY OR VENDOR REP, SHELDON]
[TO CASH AND VEGP CRITIQUE TEAM]

184 19900830 BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT
WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30
LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS,
COURSEY, MOSBAUGH, AUFDENKAMPE].

STATEMENTS PERTINENT TO FREDERICKS

9 19900323 EDG FREDERICKS 4 17 COMMENTED THAT HE BELIEVED THAT IF THE DIESEL WAS AN AIRPLANE, GEORGE WOULD NOT GO UP IN IT.

10 19900323 EDG 12 10 VOGTLE CRITIQUE TEAM MEETING WITH DISCUSSION OF 03-23-90 1B DIESEL TRIP. PRESENT: FREDERICKS, HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY.

10 19900323 EDG FREDERICKS 12 20 "AND THEN WE STARTED IT A THIRD TIME, AND DURING THAT THIRD RUN, IT TRIPPED AFTER A COUPLE OF HOURS." [TALKING ABOUT 1B DIESEL TRIP ON 003-23-90 TO HOLMES, KOCHERY, COURSEY, CASH, AND BRINEY (CRITIQUE TEAM MEETING)].

10 19900323 EDG COURSEY 14 13 "BUT WE REALLY DON'T KNOW WHY 'B' TRIPPED." [SPEAKING TO FREDERICKS, BRINEY, CASH, AND OTHERS ON CRITIQUE TEAM].

10 19900323 EDG CASH 16 9 "I LEFT THE HIGH TEMPERATURE OUT, AND THE TRIP FOR TWO DIFFERENT PRESSURES (IN AUDIBLE) IT'S A ONE OUT OF ONE ON TRIP, CORRECT." [TO FREDERICKS, KOCHERY, BRINEY, RE: 03-23-90 1B DIESEL TRIP].

10 19900323 EDG COURSEY 19 2 COURSEY DISCUSSED PAST CALIBRATION PROBLEMS WITH CALCON SWITCHES. [WITH CASH, FREDERICKS, KOCHERY, BRINEY, HOLMES, MOSBAUGH].

10 19900323 EDG COURSEY 19 11 "IN THE PAST, HOW MANY FAILURES HAVE WE HAD WHEN THE DIESELS WERE UP AND RUNNING AND THE DAMN THINGS JUST DECIDED TO STOP?" [CALCON SWITCH PROBLEMS TO FREDERICKS, MOSBAUGH, KOCHERY, CASH, HOLMES, BRINEY].

10 19900323 EDG CASH 20 2 "IT'S MORE THAN THE TRIP SIGNAL. THE TRIP SIGNAL CAME IN BY ITSELF WITHOUT (INAUDIBLE) TEMPERATURE OUT... THAT CLEARED IMMEDIATELY AFTER IT CAME IN. THAT'S AT 190 DEGREES." [TO: FREDERICKS, BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY.]

10 19900323 EDG FREDERICKS 21 15 QUESTIONED THE DIESEL AIR QUALITY, CLEANLINESS OF PNEUMATIC LINES, POSSIBLE FOREIGN MATERIAL. [TO: BRINEY, MOSBAUGH, KOCHERY, HOLMES, COURSEY, CASH.]

10 19900323 EDG BRINEY 23 7 "THESE ARE THE WORST TEMPERATURE SWITCHES YOU'VE EVER SEEN IN YOUR LIFE. IT'S JUNK." [TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 EDG BRINEY 23 9 "I DON'T KNOW WHETHER WE NEED TO ADVERTISE THAT OR NOT, BUT IF YOU EVER LOOKED AT THE CALIBRATION PROCESS OF THESE TEMPERATURE SWITCHES, YOU'D SAY, HOW IN THE HELL CAN WE PUT THIS ON ... A DIESEL?" [FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

10 19900323 EDG KOCHERY 23 13 "THE CALCON SWITCHES HAVE A LOT OF PART 21'S ON THEM, YOU KNOW?" [TO FREDERICKS, CASH, MOSBAUGH, BRINEY, COURSEY, HOLMES.]

10 19900323 EDG CASH 23 13 "...YOU GOT TWO ALARMS. ONE IS HIGH LUBE OIL OUT, HIGH LUBE OIL TEMP. OUT, IT'S 190 DEGREES." [TO BRINEY, KOCHERY, FREDERICKS, MOSBAUGH]

10 19900323 EDG BRINEY 23 15 "THEN THEY'RE ASKING US TO ACTUALLY SIT THERE AND TAP ON THE SWITCH AS WE CALIBRATE... IT'S RIDICULOUS." [REFERRING TO INSTRUCTIONS FROM VENDOR/TO FREDERICKS, CASH, MOSBAUGH, KOCHERY, COURSEY, HOLMES.]

57 19900419 EDG KITCHENS 63 10 "GEORGE [FREDERICKS] POINTED OUT THERE WAS A FAILURE OF ONE OF THE B DIESELS RIGHT AFTER THE MAINTENANCE WORKED ON IT." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 EDG KITCHENS 63 16 "IT WASN'T OPERABLE [B DIESEL] SO WE DON'T WANT TO MAKE A STATEMENT WITH NO FAILURES AND NO PROBLEMS." [TO PRB, MOSBAUGH, FREDERICKS].

98 19900508 EDG SWARTZWELDER 60 5 TALKED ABOUT REV 1 TO 4/19/90 LER IN PRB. [TO MOSBAUGH, AUFDENKAMPE, FREDERICKS].

159 19900611 EDG FREDERICKS 7 11 "SHOULDN'T TAKE MORE THAN A COUPLE OF DAYS. I WAS GIVEN THE GUIDELINES THAT IT HAD TO BE DONE BEFORE THE LER WOULD BE SIGNED." [TO MOSBAUGH].

160 19900612 EDG FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG STARTS].

160 19900612 EDG FREDERICKS 24 10 "I'M SUPPOSED TO NOT ONLY COME UP WITH A NUMBER; I'M SUPPOSED TO COME UP WITH WHY THE DISCREPANCY EXISTS." [TO MOSBAUGH RE EDG START COUNT].

160 19900612 EDG FREDERICKS 24 25 "HOW COULD THEY [CORPORATE] HAVE REVVED THE NUMBERS? THEY DON'T HAVE THE NUMBERS." [TO MOSBAUGH].

160 19900612 EDG FREDERICKS 25 4 "SOMEBODY CHANGED IT TO SAY 'VALID' STARTS." [TO MOSBAUGH RE LER REV].

160 19900612 EDG HORTON 30 1 "WELL, THE CONSISTENCY IS DOWN THE TUBE BECAUSE THE FIRST LER THAT WENT OUT IS INCORRECT." [TO AJLUNI, FREDERICKS, MOSBAUGH].

160 19900612 EDG AJLUNI 33 6 TALKED TO HORTON AND FREDERICKS ABOUT THE CHANGES IN EDG START INFO FROM COAR TO LER TO REV1 OF LER.

167 19900615 EDG MOSELY 67 14 "I'VE TABULATED THE DATA, BUT...HAVEN'T...DONE ANY COUNTING IN TERMS OF VALID FAILURES, VALID STARTS..." [TO MOSBAUGH] [MOSELY IS QA WHO OBTAINED EDG START DATA FOR FREDERICKS IN AUDIT FOR REV TO LER].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

186 19900629 EDG FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 40 25 "...AND WHEN IT [COAR] SAYS 'NO PROBLEMS OR FAILURES DURING ANY OF THESE STARTS' THAT BURNS YOU UP." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 42 22 "...WHAT THEN THEY'RE [CORPORATE] GOING TO DO IS SAY A MORE ACCURATE MEASURE OF THE RELIABILITY WAS THE VALID..." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 EDG FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE...I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 EDG HORTON 20 12 "WELL, WHAT WAS WRONG WITH OUR DIESEL START RECORD KEEPING PRACTICES?" [TO FREDERICKS, MOSBAUGH, RE WHETHER PRACTICES WERE CAUSE OF FALSE DATA GIVEN TO NRC 4/9].

187 19900629 EDG FREDERICKS 26 23 "THE SHIFT SUPERVISOR'S LOG IS NOT AN ACCURATE RECORD OF WHAT HAPPENED." [TO MOSBAUGH, HORTON].

187 19900629 EDG MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9 LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

204 19900713 EDG HORTON 16 5 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

205 19900713 EDG KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE.

205 19900713 EDG MOSBAUGH 20 9 TALKED ABOUT SCOTT HARGIS RECALLING THE AIR ROLL PROBLEM ON THE UNIT 1 EDG ALSO. [TO FREDERICKS, KITCHENS, BOCKHOLD].

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

246 19900313 EDG BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO

GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

258 19900817 EDG BOCKHOLD 24 17 "...ALLEN CAME TO ME AND SAID, 'HEY, THE INFORMATION [4/9 EDG START INFO] IS WRONG' AND I TOLD ALLEN TO GET THE STAFF TO FIX IT." [TO FREDERICKS, WHO QUESTIONED IF ANYONE HAD ANY CONTENTION ABOUT THE CORRECTNESS OF THE 4/9 DATA.]

258 19900817 EDG MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 EDG FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

258 19900817 EDG BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES, BUT...[HE] BELIEVES IT WASN'T AN INTENTIONAL MISTAKE..." [TO MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES VS. ACTUAL SITUATION.]

267 19900829 EDG STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, A.M.]

STATEMENTS PERTINENT TO GREENE

99 19900508 EDG MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 EDG MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

99 19900508 EDG MANSFIELD 53 4 "...YOUR DEPARTMENT [OPS] IS PART OF THIS CLIQUE. [MEANING THE CLIQUE HE IS AFRAID TO TELL ABOUT VEGP'S ATTITUDE ABOUT KEEPING THE PLANT RUNNING.] [TO GREENE].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 EDG BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIP." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 EDG HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 EDG AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 EDG BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

184 19900830 EDG GREENE 30 21 "IT'S EXPLAINED IN DETAIL IN THE PAPER...IT ISN'T A CASE OF TAKE IT OUT OF HERE AND IT'S LOST. [TO HORTON, AUFDENKAMPE, MOSBAUGH, BOCKHOLD RE TAKING OUT EXPLANATORY PHRASE IN COVER LETTER ABOUT MORE STARTS THAN REPORTED].

184 19900830 EDG BOCKHOLD 32 5 "WHY, IF IT AIN'T IN THE TABLE, WHY FLAG IT IN THE PORTION OF THE LETTER?" [TO GREENE, HORTON, AUFDENKAMPE, MOSBAUGH].

184 19900830 EDG HORTON 33 9 HORTON HAS A PROBLEM WITH USING THE WORDS "APPEAR TO BE THE RESULT OF" WHEN REFERRING TO THE ERRORS IN THE 4/9 LETTER & ORIGINAL LER. HE THINKS IT SHOULD BE "WERE THE RESULT OF." [TO BOCKHOLD, GREENE, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 EDG BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 EDG BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 EDG GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

187 19900629 EDG MOSBAUGH 42 9 PUTS GREENE ON NOTICE THAT ATTRIBUTING THE ERROR IN EDG STARTS TO POOR RECORD PRACTICES/END OF TEST PROGRAM IS NOT TRUE.

187 19900629 EDG MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

187 19900629 EDG GREENE 56 8 GREENE SUGGESTED TO MAJORS TO USE THE WORD "DIFFERENCE" V. "DISCREPANCY" IN LER REV COVER LETTER BECAUSE "DISCREPANCY" MEANT ADMITTING A MISTAKE. MAJORS LIKED THE IDEA.

187 19900629 EDG MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9 LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

187 19900629 EDG GREENE 66 15 TRIED TO TALK MOSBAUGH ABOUT EDG AIR RECEIVER VALVES STICKING.

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF

EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

246 19900813 EDG BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

266 19900829 EDG BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO A.M., GREENE, HORTON]

STATEMENTS PERTINENT TO HAIRSTON

41 19900411 EDG BOCKHOLD 46 9 TALKED ABOUT FSAR REQUIREMENTS AND SOMETIMES NOT BEING ABLE TO MEET THEM. CONCERNED ABOUT HAIRSTON LETTER [COAR RESPONSE 4/9]. STATEMENTS ABOUT AIR QUALITY STILL BEING "VALID." [TO KOCHERY, MOSBAUGH].

57 19900419 EDG STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. JGA SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 EDG MOSBAUGH 97 4 ASKED AUFDENKAMPE IF HE HAD HAIRSTON'S COAR LETTER, "BECAUSE THAT'S THE ONE..." - AUFDENKAMPE INTERRUPTED SAYING "WHERE THEY LIED...I MEAN THEY..." MOSBAUGH FINISHED THE THOUGHT BY SAYING, "...MADE THAT STATEMENT [NO FAILURES OR PROBLEMS] PREVIOUSLY."

57 19900419 EDG SHIPMAN 100 23 [TO MOSBAUGH] TRYING TO GET "ALL THE HAIRSTON QUESTIONS ANSWERED." WHAT OPERATORS DID BEFORE TRYING TO RESTART THE DIESEL.

57 19900419 EDG SHIPMAN 103 25 TOLD MOSBAUGH HE HAD NO PROBLEM WITH THE WAY THE OPERATOR ACTION WAS DESCRIBED IN THE PROPOSED LER [IMMEDIATELY RESET ANNUNCIATORS], BUT THAT HAIRSTON HAD A PROBLEM WITH IT.

57 19900419 EDG SHIPMAN 104 8 "OTHER QUESTION WE'VE BEEN TRYING TO GET AN ANSWER TO IS TO REASSURE GEORGE [HAIRSTON] THAT WE HAD MORE THAN 20 VALID STARTS SINCE MARCH THE 20TH, LIKE WE SAY IN THE LER." [TO MOSBAUGH] MOSBAUGH TOLD SHIPMAN THERE'S A PROBLEM WITH THE WAY THAT'S STATED.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

57 19900419 EDG SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

57 19900419 EDG SWARTZWELDER 115 25 TALKED ABOUT HAIRSTON NEEDING TO TALK TO OPERATORS WHO RESET ANNUNCIATORS ON DIESEL IN SITE AREA EMERGENCY. IS CONCERNED ABOUT SPECIFICALLY LETTING THESE OPERATORS KNOW THAT HAIRSTON WILL NOT YELL AT THEM. [TO CASH, MOSBAUGH].

58 19900419 EDG HAIRSTON 2 4 PUT WORDS IN EQUIPMENT OPERATOR'S

MOUTH ABOUT CHECKING GAGES ON DIESEL BEFORE PUSHING RE-START BUTTON. [DELOACH, MOSBAUGH, SWARTZWELDER].

58 19900419 EDG HAIRSTON 5 16 DISCUSSED WORDING OF LER. [MOSBAUGH, SWARTZWELDER, DELOACH].

58 19900419 EDG SHIPMAN 10 8 STATED HIS AWARENESS OF HAIRSTON PERSONALLY INTERVIEWING EQUIP. OPERATORS THAT RE-STARTED EDG AT SITE AREA EMERGENCY.

58 19900419 EDG SHIPMAN 11 2 SUSPECTED HAIRSTON OF "LEADING" THE EDG EQUIP. OPERATOR INTO SAYING WHAT HAIRSTON WANTED HIM TO SAY.

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STAFFS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER] "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

159 19900611 EDG AUFDENKAMPE 5 17 "HAIRSTON WON'T SIGNOUT THE LER." [WEBB, MOSBAUGH] [RE REV 1, LER THAT WAS PRB APPROVED AND SENT TO BIRMINGHAM IN MID-MAY].

160 19900612 EDG FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG STARTS].

184 19900830 EDG BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

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LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 EDG BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.' [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

187 19900629 EDG WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLJDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 62 4 TO MOSBAUGH ABOUT HAIRSTON CONSCIOUSLY THINKING THAT THE NRC MIGHT INTERPRET THE "CORRECTION" COVER LETTER AS NOT ADDRESSING THE 4/9 COAR.

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

STATEMENTS PERTINENT TO HORTON

41 19900411 BOCKHOLD 40 4 TALKS ABOUT NOT LOSING ANY TIME GETTING BACK TO MODE 1, PER PROJECTION. [TO PARTON, HORTON, MOSBAUGH].

41 19900411 HORTON 51 4 "HAVEN'T WE GOT ANY GOOD READINGS?" [RE: EDG DEWPOINT/ TO BOCKHOLD].

41 19900411 BOCKHOLD 51 6 "NOT ON 2A, 2B." [RESPONDING TO HORTON WHO ASKED IF THERE HAD BEEN ANY GOOD DEWPOINT READINGS].

41 19900411 BOCKHOLD 51 11 "ACTUALLY, I HEARD ABOUT IT JUST BEFORE THE MEETING WITH THE NRC." [TO HORTON, KOCHERY, MOSBAUGH, BURMEISTER RE: BAD DEWPOINT READING].

76 19900430 MOSBAUGH 2 8 TALKED ABOUT REVIEWING HIS COMP. LIST OF EDG STARTS WITH KITCHENS, CASH, SWARTZWELDER ON 4/30. [MOYE, HORTON].

99 19900508 MANSFIELD 44 2 "AND WE CONTINUED TO FIGHT WITH THE NRC THROUGH THE ITT." [TO MOSBAUGH, HORTON].

158 19900611 MOSBAUGH 8 23 SAID NRC ITT TEAM AWARE OF DIESEL PROBLEM HISTORY AT VEGP. CITED 100 PLUS WORK ORDERS ON SWITCHES. [HORTON].

160 19900612 HORTON 23 14 "I ASSUME FROM CORPORATE MEETING. THEY'RE CHANGING THE RESPONSE...THE LER." [TO MOSBAUGH, FREDERICKS].

160 19900612 FREDERICKS 24 3 "HAIRSTON SAYS HE'S GOING TO WRITE HIS OWN [LER REV]. MY GUY HASN'T FINISHED YET." [TO MOSBAUGH, HORTON RE HIS QA "GUY" NOT DONE WITH AUDIT OF EDG STARTS].

160 19900612 HORTON 30 1 "WELL, THE CONSISTENCY IS DOWN THE TUBE BECAUSE THE FIRST LER THAT WENT OUT IS INCORRECT." [TO AJLUNI, FREDERICKS, MOSBAUGH].

160 19900612 AJLUNI 33 6 TALKED TO HORTON AND FREDERICKS ABOUT THE CHANGES IN EDG START INFO FROM COAR TO LER TO REV1 OF LER.

184 19900830 HORTON 7 2 "WELL, THERE'S TWO QUESTIONABLE THINGS WE GOTTA RESOLVE, WHETHER WE'RE GOING TO DECLARE THEM [STARTS] SUCCESSFUL OR NOT. ONE ON EACH [DIESEL] RIGHT IN THE MIDDLE OF THE STRING [OF STARTS]." [TO MOSBAUGH].

184 19900830 HORTON 7 23 "WE CAUSED THAT TRIP. IT WOULDN'T HAVE TRIPPED ON BLACK TUESDAY. I'LL LET GEORGE [BOCKHOLD] CALL THAT ONE."

184 19900830 HORTON 8 2 "THE B TRAIN IS THE ONE THAT YOU IDENTIFIED. WHERE IT DIDN'T TRIP, IT SHOULD HAVE." [TO MOSBAUGH ABOUT A DIFFERENT KIND OF EDG PROBLEM].

184 19900830 PARTON 9 7 "DID WE COME UP WITH AS MANY [SUCCESSFUL STARTS] AS WE THOLD THEM [NRC]?" [TO MOSBAUGH, HORTON].

184 19900830 HORTON 9 8 "NO, WE UNDERSTAND THAT." [TO PARTON, MOSBAUGH, IN RESPONSE TO PARTON'S QUESTION RE COMING UP WITH AS MANY SUCCESSFUL STARTS AS GPC TOLD NRC].

184 19900830 HORTON 15 22 "IT WAS AN UNPLANNED TRIP. I WOULD LIKE TO CALL IT AN UNPLANNED TRIP, HOWEVER, DECLARE IT A SUCCESS." [TO AUFDENKAMPE, MOSBAUGH, BOCKHOLD].

184 19900830 BOCKHOLD 16 14 "OKAY, WE'LL PUT YES FOR SUCCESS, UNPLANNED TRIP, YES, WITH AN ASTERISK AND SOME EXPLANATION DOWN BELOW." [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING A LETTER FOR HAIRSTON].

184 19900830 BOCKHOLD 17 10 "WHAT I PROPOSE IS YES. AND YES FOR UNPLANNED TRIPS." [RE WHETHER A START IS TO BE CLASSIFIED AS SUCCESSFUL OR NOT IN DRAFT LETTER FOR HAIRSTON] [TO HORTON, GREENE, AUFDENKAMPE].

184 19900830 HORTON 26 19 "THAT'S VOGTLE DEFINITION OF POST MAINTENANCE STARTS. THIS IS AN ISSUE WITH THE NRC." [TO BOCKHOLD, MOSBAUGH, AUFDENKAMPE, GREENE].

184 19900830 AUFDENKAMPE 27 16 "THE ONLY COMMENT. VALID TEST FAILURES. THAT'S THE ONLY KIND WE HAVE TO REPORT. DOES IT AFFECT OUR ISSUE ON FAILURE TO REPORT?" [TO GREENE, BOCKHOLD, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 BOCKHOLD 29 15 "OKAY, I HAVE PROBLEMS WITH THE LAST SENTENCES. 'AS REPORTED IN MY [HAIRSTON'S] CALL TO THE NRC, WE SUBSEQUENTLY DISCOVERED THIS INFORMATION [EDG STARTS] WAS IN ERROR.' PUT A PERIOD THERE. I WAS GOING TO TAKE THE REST OF IT OUT. (CONT.)

184 19900830 BOCKHOLD 29 16 "(CONT.) 'THERE WERE MORE STARTS CONDUCTED THAN THE NUMBER REPORTED...I WOULD JUST PUT A PERIOD IN AND NOT GO ON AND EXPLAIN ANY OF THAT STUFF.'" [TO HORTON, GREENE, AUFDENKAMPE, MOSBAUGH RE PREPARING LETTER FOR HAIRSTON].

184 19900830 GREENE 30 21 "IT'S EXPLAINED IN DETAIL IN THE PAPER...IT ISN'T A CASE OF TAKE IT OUT OF HERE AND IT'S LOST. [TO HORTON, AUFDENKAMPE, MOSBAUGH, BOCKHOLD RE TAKING OUT EXPLANATORY PHRASE IN COVER LETTER ABOUT MORE STARTS THAN REPORTED].

184 19900830 BOCKHOLD 32 5 "WHY, IF IT AIN'T IN THE TABLE, WHY FLAG IT IN THE PORTION OF THE LETTER?" [TO GREENE, HORTON, AUFDENKAMPE, MOSBAUGH].

184 19900830 HORTON 33 9 HORTON HAS A PROBLEM WITH USING THE WORDS "APPEAR TO BE THE RESULT OF" WHEN REFERRING TO THE ERRORS IN THE 4/9 LETTER & ORIGINAL LER. HE THINKS IT SHOULD BE "WERE THE RESULT OF." [TO BOCKHOLD, GREENE, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 33 14 "I PREFER 'APPEAR' [TO BE THE RESULT OF]." [RE ERRORS MADE IN 4/9 LETTER & 4/19 LER] [TO GREENE, MOSBAUGH, AUFDENKAMPE, HORTON].

184 19900830 BOCKHOLD 35 10 "I CHANGED THE...INSTEAD OF 'ERRORS' IN THE APRIL 9TH..." [BOCKHOLD TOTALLY OBFUSCATES THE LETTER THAT IS TO CORRECT THE WRONG INFO IN THE 4/9 LETTER] [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 38 17 "OK...THE ERROR WAS MADE BY THE INDIVIDUAL [CASH] WHO PERFORMED THE COUNT OF DIESEL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE RE TAKING BLAME OFF HIMSELF FOR COUNTS IN 4/9 LETTER & PRESENTATION TO NRC].

184 19900830 BOCKHOLD 41 12 "ON THAT DATE [WEEKEND PRIOR TO NRC PRESENTATION] JIMMY [CASH] WASN'T CONFUSED. HE THOUGHT HE HAD COUNTED SUCCESSFUL STARTS." [TO GREENE, HORTON, MOSBAUGH, AUFDENKAMPE].

184 19900830 42 22 "BILL'S GOT A GOOD POINT. WE'RE GONNA TAKE...THE LEGAL DEFENSE." [TO GREENE, BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 44 21 "...IF BIRMINGHAM LIKES THIS LETTER WRITTEN THIS WAY...THAT'S WHAT WE SHOULD DO." [RE LETTER 8/30 CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

184 19900830 BOCKHOLD 45 18 "I AIN'T GONNA SIGN THIS ONE OUT WITHOUT YOU [PRB] RECOMMENDING UNANIMOUSLY." [RE DRAFT 8/30 LETTER CORRECTING 4/9 LETTER] [TO GREENE, HORTON, FREDERICKS, COURSEY, MOSBAUGH, AUFDENKAMPE].

184 19900830 GREENE 52 6 "LET THE PRB MINUTES REFLECT THAT WE USE THE CRITERIA OF TWO MINUTES ON A RUN OR AN INTENTIONAL SHUTDOWN TO BE CONSIDERED A SUCCESSFUL RUN." [TO BOCKHOLD, HORTON, FREDERICKS, MOSBAUGH, AUFDENKAMPE].

187 19900629 FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 HORTON 20 12 "WELL, WHAT WAS WRONG WITH OUR DIESEL

START RECORD KEEPING PRACTICES?" [TO FREDERICKS, MOSBAUGH, RE WHETHER PRACTICES WERE CAUSE OF FALSE DATA GIVEN TO NRC 4/9].

187 19900629 FREDERICKS 26 23 "THE SHIFT SUPERVISOR'S LOG IS NOT AN ACCURATE RECORD OF WHAT HAPPENED." [TO MOSBAUGH, HORTON].

199 19900711 HORTON 27 15 TO MOSBAUGH ABOUT 2A EDG BEING IN A 72 HOUR LCO DUE TO AN INSUFFICIENT AIR ROLL. IT WAS DECLARED INOPERABLE.

204 19900713 HORTON 16 5 TOLD BOCKHOLD THAT THEY CLEANED THE AIR START SOLENOID VALVES AND USED EMERY CLOTH TO "WIDEN THE CLEARANCES" SO THAT THE VALVES WOULDN'T STICK. [MOSBAUGH, FREDERICKS].

205 19900713 KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE.

217 19900724 HORTON 25 11 "BUT WE GOT ANYWHERE BETWEEN A QUART AND TWO GALLONS...[OF JACKET WATER OUT OF THE COMBUSTION AIR DRAIN VALVES] [TO MOSBAUGH].

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

258 19900817 HORTON 20 24 "...THERE MAY BE A RELATIONSHIP [TO THE 1B DIESEL AUTO-STARTING] TO ANOTHER SLAVE RELAY TEST." [TO A.M., MANSFIELD, IN ENGINEERING MEETING.]

266 19900829 BOCKHOLD 21 4 "...SUCCESSFUL START MEANT [TO BOCKHOLD] THE ENGINE STARTED AND RAN SUFFICIENT TIME THAT WE WOULD NOT HAVE HAD THE MARCH 20TH EVENT. AND...AFTER RUNNING A SUFFICIENT TIME, THE ENGINE COULD HAVE SHUT DOWN BECAUSE OF A PROBLEM..." [TO A.M., GREENE, HORTON]

267 19900829 HORTON 41 22 "...WE JUST NEED TO MAKE IT AS REASONABLY ACCURATE AS WE CAN, BECAUSE THE LIABILITY I SEE IS SUBSTANTIAL." [TO A.M., RE EDG START DATA STILL BEING COMPILED JUST PRIOR TO ENFORCEMENT CONFERENCE ON SITE AREA EMERGENCY.]

STATEMENTS PERTINENT TO KITCHENS

41 19900411 EDG BOCKHOLD 52 6 "I'LL WRITE A NOTE TO SKIP KITCHENS ON THIS THING." [ACKNOWLEDGES KOCHERY'S NOTIFICATION ABOUT RUNNING COMPRESSORS WITH AIR DRYERS OUT OF SERVICE].

57 19900419 EDG KITCHENS 63 10 "GEORGE [FREDERICKS] POINTED OUT THERE WAS A FAILURE OF ONE OF THE B DIESELS RIGHT AFTER THE MAINTENANCE WORKED ON IT." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 EDG KITCHENS 63 16 "IT WASN'T OPERABLE [B DIESEL] SO WE DON'T WANT TO MAKE A STATEMENT WITH NO FAILURES AND NO PROBLEMS." [TO PRB, MOSBAUGH, FREDERICKS].

57 19900419 EDG KITCHENS 63 21 "...STARTED MORE THAN 20 TIMES EACH...WHATEVER NUMBER...MAKE SURE IT'S NOT A FALSE STATEMENT." [TO PRB RE:LER]

75 19900430 EDG MOSBAUGH 47 17 SHOWED KITCHENS THE COMPREHENSIVE LIST OF EDG STARTS AND POINTED OUT FAILURES. [TO KITCHENS].

75 19900430 EDG SWARTZWELDER 53 12 A CONVERSATION WITH MOSBAUGH ABOUT "PROBLEMS" IN MOSBAUGH'S COMPREHENSIVE EDG START LIST. [TO MOSBAUGH, KITCHENS].

76 19900430 EDG MOSBAUGH 2 8 TALKED ABOUT REVIEWING HIS COMP. LIST OF EDG STARTS WITH KITCHENS, CASH, SWARTZWELDER ON 4/30. [MOYE, HORTON].

205 19900713 EDG KITCHENS 17 20 TO BOCKHOLD, FREDERICKS, HORTON, MOSBAUGH RE ROOT CAUSE OF AIR ROLL EDG PROBLEM IS AIR SOLENOID VALVE CLEARANCE.

205 19900713 EDG MOSBAUGH 20 9 TALKED ABOUT SCOTT HARGIS RECALLING THE AIR ROLL PROBLEM ON THE UNIT 1 EDG ALSO. [TO FREDERICKS, KITCHENS, BOCKHOLD].

STATEMENTS PERTINENT TO MAJORS

186 19900629 EDG FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 EDG FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE...I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 EDG ODOM 47 21 "I DON'T KNOW WHERE IT ['SUBSEQUENT TO THE EVENT' TERMINOLOGY] CAMEFROM. I JUST CALLED HARRY [MAJORS] AND TOLD HARRY, 'STOP THE PRESS. IT'S NOT RIGHT.'" [TO MOSBAUGH, TYNAN].

187 19900629 EDG FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

187 19900629 EDG MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." [TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].

187 19900629 EDG GREENE 56 8 GREENE SUGGESTED TO MAJORS TO USE THE WORD "DIFFERENCE" V. "DISCREPANCY" IN LER REV COVER LETTER BECAUSE "DISCREPANCY" MEANT ADMITTING A MISTAKE. MAJORS LIKED THE IDEA.

187 19900629 EDG MAJORS 58 20 AGREED WITH MOSBAUGH THAT THIS NEW LER JUST CHANGED "TO APPLES AND ORANGES." [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 59 23 "GEORGE [HAIRSTON] PERSONALLY ZEROED IN ON THOSE WORDS." [THE DIFFERENCE IS ATTRIBUTED TO EDG RECORD-KEEPING PRACTICES] [TO GREENE, MOSBAUGH, FREDERICKS].

187 19900629 EDG MAJORS 62 4 TO MOSBAUGH ABOUT HAIRSTON CONSCIOUSLY THINKING THAT THE NRC MIGHT INTERPRET THE

"CORRECTION" COVER LETTER AS NOT ADDRESSING THE 4/9 COAR.

187 19900629 EDG MOSBAUGH 63 15 PUT MAJORS ON NOTICE THAT 4/9
LETTER IS FALSE. GREENE TAKES OVER AND KEEPS MAJORS FROM HAVING
TO RESPOND. [TO MAJORS, GREENE, FREDERICKS].

STATEMENTS PERTINENT TO MANSFIELD

99 19900508 MANSFIELD 44 2 "AND WE CONTINUED TO FIGHT WITH THE NRC THROUGH THE ITT." [TO MOSBAUGH, HORTON].

99 19900508 MANSFIELD 44 19 "...THE ATTITUDE IS WE'RE NOT GOING TO GET OUR LICENSE IF WE DON'T DO WHAT THEY [NRC] WANT. NOW WE'VE GOT OUR LICENSE AND WE'RE FIGHTING." [TO MOSBAUGH].

99 19900508 MANSFIELD 48 7 "THE WORST THING THAT CAN HAPPEN IS THAT YOU DON'T OPERATE IT SAFELY AND YOU INJURE PEOPLE." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 48 13 "...WE GO TO EXTREMES WITH TECH SPEC INTERPRETATIONS TO KEEP THIS PLANT RUNNING AND WE'VE DONE IT FOR YEARS." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 48 24 "WE [GPC/VEGP] HAVE AN ATTITUDE THAT BRINGING THIS PLANT DOWN IS THE WORST THING THAT COULD HAPPEN. AND IT'S NOT THE WORST THING THAT CAN HAPPEN." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

99 19900508 MANSFIELD 53 4 "...YOUR DEPARTMENT [OP&S] IS PART OF THIS CLIQUE. [MEANING THE CLIQUE HE IS AFRAID TO TELL ABOUT VEGP'S ATTITUDE ABOUT KEEPING THE PLANT RUNNING.] [TO GREENE].

199 19900711 MOYE 11 1 TALKED TO MOSBAUGH, MANSFIELD, BURWINKLE, ABOUT THE 4TH TIME THE SAME PROBLEM HAS HAPPENED TO THE 2A EDG.

199 19900711 MANSFIELD 11 6 TO MOSBAUGH, BURWINKLE, MOYE ABOUT CHAFFEE TELLING THEM THEY COULD HAVE AVOIDED THE 3/20 EVENT BY BEING MORE PERSISTENT IN RESOLVING REPEAT PROBLEMS WITH THE DIESELS.

199 19900711 MANSFIELD 14 3 TOLD MOSBAUGH, MOYE ABOUT AN INSUFFICIENT "AIR ROLL" BEING A DIESEL PROBLEM.

200 19900711 MOSBAUGH 8 1 TO MANSFIELD, KOCHERY, STOKES ABOUT EDG AIR ROLL PROBLEMS.

216 19900724 MANSFIELD 4 14 "DID YOU HEAR WE HAD A DIESEL FAIL

TO START?" [TO MOSBAUGH, AUFDENKAMPE].

222 19900727 MANSFIELD 37 4 "...THE CONTAINMENT COOLING FUNCTION WOULD HAVE BEEN DEGRADED. I MEAN, THAT'S A LIE...IT WOULD HAVE BEEN NON-EXISTANT." [TO MOSBAUGH RE LER ON EDG TAPING].

222 19900727 MANSFIELD 38 6 "...A BLATANT LIE." [FINISHED MOSBAUGH'S STATEMENT ABOUT TAPED DIESEL LER.

222 19900727 MANSFIELD 38 17 "SO AL, LOSS OF A SAFETY FUNCTION FROM A SINGLE EVENT IS A 4 HOUR REPORT. HOW DO YOU DEAL WITH THAT WHEN YOU FIND OUT ABOUT IT MONTHS LATER?" [TO MOSBAUGH RE EDG TAPING].

222 19900727 HINES 39 17 "DIESEL GENERATOR 1A CONTROL AIR LEAK AND THERE IS NOT AN LCO WRITTEN AGAINST IT." [TO MOSBAUGH, MANSFIELD].

258 19900817 HORTON 20 24 "...THERE MAY BE A RELATIONSHIP [TO THE 1B DIESEL AUTO-STARTING] TO ANOTHER SLAVE RELAY TEST." [TO A.M., MANSFIELD, IN ENGINEERING MEETING.]

STATEMENTS PERTINENT TO MCCOY

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM.
[AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS"
[NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION]
[AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG BOCKHOLD 9 6 TOLD MCCOY THAT EDG START COUNT NUMBERS IN 4/9 PRESENTATION BEGAN AFTER COMP. TEST PROGRAM.
[EITHER DOESN'T KNOW OR IS B.S. ING MCCOY].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER] "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

99 19900508 EDG MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 EDG MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

159 19900611 EDG SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSBAUGH RE REV TO LER].

187 19900629 EDG MAJORS 54 24 "RIGHT. [ACK. GREENE'S STATEMENT THAT ORIGINAL LER INCLUDED STARTS IN THE TEST PROGRAM] NOW THAT'S A KEN MCCOY ADDITIONAL SENTENCE THAT HAS BEEN BLESSED BY GEORGE [HAIRSTON], SO IF THERE'S A PROBLEM WITH IT, GEORGE WOULD WANT TO KNOW ABOUT IT."

X 187 19900629 EDG MAJORS 55 8 "OK, THAT'S ANOTHER GEORGE [HAIRSTON] AND KEN MCCOY DESIGNED SENTENCE..." ~~[TO GREENE RE STATEMENT ABOUT POOR EDG RECORD KEEPING PRACTICES].~~

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD; ----

253 19900815 EDG BOCKHOLD 11 9 [CONT'D] ---SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

✓ 253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

✓ 253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

258 19900817 EDG MCCOY 25 11 "THE ORIGINAL LER [4/19] WAS BASED ON THE NUMBERS THAT WERE IN THE [4/9] PRESENTATION...THE CORRECTION TO THE LER IS NOT ADDRESSING THE SAME INTERVAL OF TIME OR NUMBER..." [TO BOCKHOLD, AUFDENKAMPE, FREDERICKS, A.M.]

258 19900817 EDG FREDERICKS 27 17 "...THERE'S ONE TRIP IN THE MIDDLE OF THE SEQUENCE, DIESEL TRIP,...THE REASON WAS LOW JACKET WATER PRESSURE." [TO MCCOY, BOCKHOLD, J.G.A., A.M.]

258 19900817 EDG BOCKHOLD 32 11 "...WE MADE A MISTAKE IN THE [EDG START] COUNT, OKAY? AND THAT'S WHAT PETE TAYLOR BELIEVES, BUT...[HE] BELIEVES IT WASN'T AN INTENTIONAL MISTAKE..." [TO

MCCOY, J.G.A., A.M., FREDERICKS] [EMPHASIZES WHAT TAYLOR BELIEVES
VS. ACTUAL SITUATION.]

STATEMENTS PERTINENT TO MCDONALD

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER]
"...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND
GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR
TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER,
MOSBAUGH, AUFDENKAMPE].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED
TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON
THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

STATEMENTS PERTINENT TO ODOM

57 19900419 AUFDENKAMPE 118 25 "WHAT BIRMINGHAM IS THINKING NOW IS THEY MADE A MATERIAL FALSE STATEMENT IN THE APRIL 9TH LETTER. [TO MOSBAUGH, ODOM].

57 19900419 WEBB 123 19 "WE NEED TO GET RID OF THE STATEMENT IN THE LER ABOUT HOW MANY FAILURES OR HOW MANY TESTS YOU'VE GOT ALTOGETHER, OR ELSE CORRECT THE MISCONCEPTION THAT WE GENERATED ON 4-9. I DON'T KNOW IF WE SHOULD TRY TO CONTINUE THE MISCONCEPTION..."[AM, ODOM, AUFDEN]

159 19900611 MOSBAUGH 38 9 TALKED ABOUT NOT BEING ABLE TO USE "VALID" IN LER REV TO REFER TO EDG TESTS. [TO ODOM].

168 19900618 ODOM 51 13 TALKED TO MOSBAUGH ABOUT STALLING ON A WAIVER, AND ABOUT A TOTAL RE-WRITE OF THE LER REVISION.

186 19900629 EDG ODOM 38 20 "OKAY, THEN YOU [MOSBAUGH] WENT AND COUNTED AGAIN, AND THERE WERE DIFFERENT NUMBERS. IF I WAS HAIRSTON, I'D SAY 'WHOA'." [TO FREDERICKS, MOSBAUGH RE LER REV].

186 19900629 FREDERICKS 39 21 "AND APPARENTLY JUST WHEN HARRY MAJORS AND THE STAFF UP THERE IN CORPORATE, THE WORD 'SUBSEQUENT TO THE TEST' GOT PUT IN THERE." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 FREDERICKS 40 25 "...AND WHEN IT [COAR] SAYS 'NO PROBLEMS OR FAILURES DURING ANY OF THESE STARTS' THAT BURNS YOU UP." [TO MOSBAUGH, ODOM RE WORDING IN ORIGINAL LER].

186 19900629 FREDERICKS 42 22 "...WHAT THEN THEY'RE [CORPORATE] GOING TO DO IS SAY A MORE ACCURATE MEASURE OF THE RELIABILITY WAS THE VALID..." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 FREDERICKS 45 4 "...I THINK THAT'S [THE 'SUBSEQUENT TO EVENT' TERMINOLOGY] WHAT HARRY'S [MAJORS] GOING TO USE...I MAY HAVE TO PUT SOME WORDS IN THE AUDIT REPORT BASED ON THAT." [TO MOSBAUGH, ODOM RE LER REV].

186 19900629 ODOM 47 21 "I DON'T KNOW WHERE IT ['SUBSEQUENT TO THE EVENT' TERMINOLOGY] CAME FROM. I JUST CALLED HARRY [MAJORS] AND TOLD HARRY, 'STOP THE PRESS. IT'S NOT RIGHT.'" [TO MOSBAUGH, TYNAN].

186 19900629 TYNAN 47 24 "WHY CAN'T WE GET THROUGH WHAT WE [PRB] KEEP APPROVING AND SENDING OFF SITE?" [TO MOSBAUGH, ODOM RE DRAFTS OF LER REV'S].

186 19900629 ODOM 48 13 "YOU WRITE THE NRC AND TELL THEM THE FALSE STATEMENT IN THE REVISION...YOU DON'T TRY A MINOR

TYPORGRAPHIC ERROR. YOU TELL WHY YOU KNOW." [TO MOSBAUGH, TYNAN RE LER REV].

187 19900629 MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

264 19900828 ODOM 39 18 "IT'S GOT A MIND OF ITS OWN." [REFERS TO AN INADVERTENT, UNEXPLAINED UNIT 1 DIESEL START ON 8/16-17/90.] [TO A.M., COPELAND.]

267 19900829 STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, A.M., DANNEMILLER.]

STATEMENTS PERTINENT TO PARTON

41 19900411 BOCKHOLD 40 4 TALKS ABOUT NOT LOSING ANY TIME GETTING BACK TO MODE 1, PER PROJECTION. [TO PARTON, HORTON, MOSBAUGH].

83 PARTON 7 5 "WHAT SHOULD THE LER SAY?" [TO MOSBAUGH RE REV 1 TO THE LER].

99 19900508 MANSFIELD 48 7 "THE WORST THING THAT CAN HAPPEN IS THAT YOU DON'T OPERATE IT SAFELY AND YOU INJURE PEOPLE." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 48 13 "...WE GO TO EXTREMES WITH TECH SPEC INTERPRETATIONS TO KEEP THIS PLANT RUNNING AND WE'VE DONE IT FOR YEARS." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 48 24 "WE [GPC/VEGP] HAVE AN ATTITUDE THAT BRINGING THIS PLANT DOWN IS THE WORST THING THAT COULD HAPPEN. AND IT'S NOT THE WORST THING THAT CAN HAPPEN." [TO MOSBAUGH, PARTON].

99 19900508 MANSFIELD 50 11 "WE'RE WELL SCHOOLED ON HOW THE PLANT DOES THINGS. AND FROM WHAT...MCCOY SAID THE NRC SAID, I DON'T DISAGREE [WITH NRC]." [TO MOSBAUGH, PARTON, TOM GREENE].

99 19900508 MANSFIELD 50 23 STATED THAT MAYBE HE'D TELL MCCOY HOW HE FELT ONE-ON-ONE, BUT, "IF I START SAYING THESE THINGS IN FRONT OF PEOPLE, YOU KNOW, MY FUTURE MAY BE LIMITED HERE." [TO GREENE, PARTON, MOSBAUGH].

184 19900830 PARTON 9 7 "DID WE COME UP WITH AS MANY [SUCCESSFUL STARTS] AS WE THOLD THEM [NRC]?" [TO MOSBAUGH, HORTON].

184 19900830 HORTON 9 8 "NO, WE UNDERSTAND THAT." [TO PARTON, MOSBAUGH, IN RESPONSE TO PARTON'S QUESTION RE COMING UP WITH AS MANY SUCCESSFUL STARTS AS GPC TOLD NRC].

STATEMENTS PERTINENT TO RUSHTON

95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, OUR CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

STATEMENTS PERTINENT TO SHIPMAN

57 19900419 EDG STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 EDG SHIPMAN 100 23 [TO MOSBAUGH] TRYING TO GET "ALL THE HAIRSTON QUESTIONS ANSWERED." WHAT OPERATORS DID BEFORE TRYING TO RESTART THE DIESEL.

57 19900419 EDG SHIPMAN 103 25 TOLD MOSBAUGH HE HAD NO PROBLEM WITH THE WAY THE OPERATOR ACTION WAS DESCRIBED IN THE PROPOSED LER [IMMEDIATELY RESET ANNUNCIATORS], BUT THAT HAIRSTON HAD A PROBLEM WITH IT.

57 19900419 EDG SHIPMAN 104 8 "OTHER QUESTION WE'VE BEEN TRYING TO GET AN ANSWER TO IS TO REASSURE GEORGE [HAIRSTON] THAT WE HAD MORE THAN 20 VALID STARTS SINCE MARCH THE 20TH, LIKE WE SAY IN THE LER." [TO MOSBAUGH] MOSBAUGH TOLD SHIPMAN THERE'S A PROBLEM WITH THE WAY THAT'S STATED.

57 19900419 EDG SHIPMAN 104 17 "THE PROBLEM WE GOT ALLEN, IS THE DATA THAT'S IN THE LER IS WHAT GEORGE [HAIRSTON] WROTE AND [BOCKHOLD] TOOK AND TOLD TO THE ...EBNETER LAST MONDAY IN ATLANTA." MOSBAUGH RESPONDED THAT IF ANYBODY SAID THERE WEREN'T ANY FAILURES IT JUST WASN'T TRUE.

57 19900419 EDG MOSBAUGH 105 5 "... THE B MACHINE, ON 3-22 AT 12:43 THE MACHINE TRIPPED ON HIGH LUBE OIL TEMPERATURE." [TO SHIPMAN].

57 19900419 EDG SHIPMAN 105 18 "WE COULD SOLVE THE PROBLEM THAT'S CREATED BY THAT INFORMATION [THE 3-22 TRIP] BY SAYING NO VALID FAILURES." [TO MOSBAUGH].

57 19900419 EDG MOSBAUGH 105 21 "I THINK WE GOT ANOTHER ONE [FAILURE]. IT IS ON 3-23 ATG 17:31. THE B MACHINE ...TRIPPED ON LOW JACKET WATER PRESSURE/LUBE OIL PRESSURE LOW." [TO SHIPMAN, STRINGFELLOW].

57 19900419 EDG SHIPMAN 106 4 "...THIS THING'S ALREADY BEEN THROUGH THE PRB A COUPLE OF TIMES. HOW IN THE WORLD DID IT GET THROUGH THE PRB?" [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 107 20 "IT SOUNDS LIKE THIS WHOLE STATEMENT [DIESEL STARTS WITH NO FAILURES OR PROBLEMS] NEEDS TO BE STRICKEN." [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 108 8 "CERTAINLY, IF IT'S NOT A VALID STATEMENT, WE WOULD NEED TO GET IT THE HECK OUT OF HERE REGARDLESS OF WHAT GEORGE TOLD EBNETER." [TO MOSBAUGH,

STRINGFELLOW].

57 19900419 EDG SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG SHIPMAN 10 8 STATED HIS AWARENESS OF HAIRSTON PERSONALLY INTERVIEWING EQUIP. OPERATORS THAT RE-STARTED EDG AT SITE AREA EMERGENCY.

58 19900419 EDG SHIPMAN 11 2 SUSPECTED HAIRSTON OF "LEADING" THE EDG EQUIP. OPERATOR INTO SAYING WHAT HAIRSTON WANTED HIM TO SAY.

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

58 19900419 EDG SHIPMAN 20 20 "...AND THEY SHOULD NOT BE INCLUDED BECAUSE THEY WERE PART OF THE RETURNING TO SERVICE OF THE DIESEL..." [RE: 3/22 AND 3/23 TRIPS] [MOSBAUGH, AUFDENKAMPE].

58 19900419 EDG SHIPMAN 23 7 "THE PROBLEM WITH THAT IS THAT THAT NUMBER [EDG STARTS] IS GOING TO BE SIGNIFICANTLY LESS THAN WHAT GEORGE TOLD MR. EBNETER, AND, YOU KNOW, IT'S GOING TO CREATE A SELLING JOB FOR ME, I THINK, BUT EVENTUALLY THAT'S THE ONLY WAY WE CAN TELL A VALID STORY..

58 19900419 EDG SHIPMAN 23 8 "...[CONT. OF PG. 23, LINE 7] THAT YOU KNOW, WE CAN DEFEND. IF SOMEBODY CALLS ALLEN MOSBAUGH, BILL SHIPMAN, AND JOHN AUFDENKAMPE AGAIN TO TESTIFY, THAT'S THE STORY I WANT TO TELL." [TO MOSBAUGH, AUFENDKAMPE RE COUNTING STARTS

AFTER DIESEL DEC. OPERABLE]

58 19900419 EDG SHIPMAN 27 6 STATED THAT SINCE THEY HAD STARTED DISCUSSING THE ISSUE OF HOW TO PRESENT THE EDG COUNTS IN THE LER THAT AFTERNOON, MCCOY HAD CALLED BROCKMAN AND EXPLAINED THE BASIS OF THE NUMBERS IN BOCKHOLD'S NRC PRESENTATION. [TO MOSBAUGH, AUFENDKAMPE]

58 19900419 EDG SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER] "...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFENDKAMPE].

95 19900504 EDG SHIPMAN 20 4 "SO YOU KNOW, OUT CONCERN GOING IN WAS THAT WE HAD A COMPLETELY UNRELIABLE SWITCH..." [TO RUSHTON, BOCKHOLD, MOSBAUGH, RE CALCON SWITCHES].

187 19900629 EDG WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

234 19900803 EDG SHIPMAN 38 16 "DID GEO. FREDERICKS RECOGNIZE THE JULY 5TH INCIDENT TIED TO THE 11TH INCIDENT, PRIOR TO THE NRC RESIDENTS RAISING THE QUESTION?" [TO GREENE, MOSBAUGH, RUSHTON] [INCIDENTS ARE EDG FAILURES].

234 19900803 EDG SHIPMAN 38 20 "THE 11TH [7/11/90] INCIDENT'S WHEN IT [EDG] FAILED TO START, AND THAT WAS THE ONE THAT WE FINALLY GOT INTO." [TO GREENE, MOSBAUGH, RUSHTON RE REPORTING OF EDG FAILURES TO NRC].

234 19900803 EDG SHIPMAN 40 8 "IT'S IMPORTANT FOR ME TO KNOW THAT WE IDENTIFIED..." [THE CONNECTION BETWEEN THE 7/5 AND 7/11 EDG FAILURES, AS OPPOSED TO THE NRC ID'ING IT].

234 19900803 EDG SHIPMAN 42 16 "DOES THE RECOGNITION...OF THE JULY THE 5TH [EDG FAILURE] START A [REPORTING] CLOCK AT A DIFFERENT TIME?" [TO GREENE, RUSHTON, MOSBAUGH].

234 19900803 EDG GREENE 42 22 "...THE ONE WE REPORTED, THIS WAS A [EDG] START FAILURE...THE LER WAS A START FAILURE. THE OTHER INCIDENT WAS REPORTED AS A 10 CFR 21 ITEM." [TO SHIPMAN, RUSHTON, MOSBAUGH].

234 19900803 EDG SHIPMAN 43 15 "YEA, PAT [MCDONALD] JUST WANTED TO MAKE SURE WE WERE SQUEAKY CLEAN ABOUT OUR REPORTING DATE ON THAT" [EDG FAILURE] [TO GREENE, RUSHTON, MOSBAUGH].

253 19900815 EDG BOCKHOLD 8 21 "THIS IS VIOLATION NUMBER 1 FOR

SURE." [TO MCCOY, SHIPMAN, BAILEY, HORTON, AND OTHER VEGP MANAGERS RE INCORRECT EDG START COUNT.]

253 19900815 EDG MCCOY 11 8 "I GUESS WE WOULD SAY THAT I PREPARED THAT. [THE 4/9 COAR] I WORKED WITH YOU [BAILEY] ON THE PREPARATIONS, RIGHT?...SO WHY DON'T WE SAY THAT KEN MCCOY AND JIM BAILEY PREPARED THE LETTER [4/9 COAR] WHICH WAS SIGNED BY...[HAIRSTON]." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG BOCKHOLD 13 16 "KEN MCCOY, IF YOU REMEMBER, I BELIEVE IT [THE ADDITION OF THE PHRASE 'SUBSEQUENT TO THE TEST PROGRAM' TO THE 4/19 LER] HAPPENED BETWEEN A GROUP IN YOUR OFFICE AND ME." [TO MCCOY, SHIPMAN, BAILEY, FREDERICKS, AND OTHER VEGP MANAGERS.]

253 19900815 EDG MCCOY 14 11 "THAT'S MY RECOLLECTION, TOO [RE ORIGIN OF TERM 'SUBSEQUENT TO THE TEST PROGRAM' IN 4/19 LER] IN GENERAL TERMS. I DON'T REMEMBER THE SPECIFIC WORDS, BUT I DO REMEMBER THE DISCUSSION." [TO BOCKHOLD, SHIPMAN, BAILEY, FREDERICKS].

STATEMENTS PERTINENT TO STRINGFELLOW

57 19900419 EDG STRINGFELLOW 88 12 RELAYED HAIRSTON'S QUESTIONS ABOUT WHAT EVALUATIONS THE EQUIP. OPERATOR MADE BEFORE HE TRIED TO RESTART THE DIESEL AFTER IT TRIPPED IN THE SITE AREA EMERGENCY. JGA SAID HE JUST WENT IN AND STARTED PUSHING BUTTONS. [TO MOSBAUGH, AUFDENKAMPE].

57 19900419 EDG AUFDENKAMPE 91 4 "WE THINK THAT'S BASICALLY A MATERIAL FALSE STATEMENT." [TO STRINGFELLOW, MOSBAUGH, REFERRING TO 20 STARTS WITHOUT FAILURES OR PROBLEMS SINCE MAR 20].

57 19900419 EDG AUFDENKAMPE 91 7 "...WE KNOW FOR A FACT THAT THE B DIESEL TRIPPED AT LEAST ONCE AFTER MARCH 20TH." [TO STRINGFELLOW].

57 19900419 EDG MOSBAUGH 91 8 "ACTUALLY, IT [B DIESEL] TRIPPED TWICE AFTER MARCH 20TH, OR IT HAD AT LEAST TWO SEPARATE PROBLEMS." [TO STRINGFELLOW].

57 19900419 EDG STRINGFELLOW 91 21 SAID THAT AS SOON AS HE WAS OFF THE PHONE, HE WOULD RUN IN AND TELL SHIPMAN WHAT AUFDENKAMPE AND MOSBAUGH TOLD HIM. [TO AUFDENKAMPE, MOSBAUGH].

57 19900419 EDG STRINGFELLOW 94 11 RECOGNIZED THEY "WERE DOWN TO " THE "20 TIMES EACH" QUESTION IN THE WORDING OF THE LER. [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 EDG STRINGFELLOW 96 8 "IT JUST DAWNED ON ME WHAT AL WAS SAYING A MINUTE AGO. IN OTHER WORDS, IF WE SAY NO FAILURES OR PROBLEMS OCCURRED IN ANY STARTS, YOU'RE SAYING THAT'S NOT TRUE." "OH, WONDERFUL, O.K." [TO AUFDENKAMPE, MOSBAUGH]

57 19900419 EDG AUFDENKAMPE 96 15 "BECAUSE, YOU KNOW, WE...THIS HAS BEEN WRITTEN TO THE NRC ONCE ALREADY." [STRINGFELLOW RESPONDS BY SAYING THAT WAS EXACTLY WHAT HE WAS THINKING].

57 19900419 EDG MOSBAUGH 105 21 "I THINK WE GOT ANOTHER ONE [FAILURE]. IT IS ON 3-23 ATG 17:31. THE B MACHINE ...TRIPPED ON LOW JACKET WATER PRESSURE/LUBE OIL PRESSURE LOW." [TO SHIPMAN, STRINGFELLOW].

57 19900419 EDG SHIPMAN 106 4 "...THIS THING'S ALREADY BEEN THROUGH THE PRB A COUPLE OF TIMES. HOW IN THE WORLD DID IT GET THROUGH THE PRB?" [TO MOSBAUGH, STRINGFELLOW].

57 19900419 EDG SHIPMAN 107 20 "IT SOUNDS LIKE THIS WHOLE STATEMENT [DIESEL STARTS WITH NO FAILURES OR PROBLEMS] NEEDS TO BE STRICKEN." [TO MOSBAUGH, STRINGFELLOW].

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57 19900419 EDG SHIPMAN 108 22 SAID THAT HE AND STRINGFELLOW GOING TO HAIRSTON'S OFFICE TO GO OVER HIS COMMENTS. [TO MOSBAUGH].

58 19900419 EDG MCCOY 8 17 DISCUSSED "MAKING SURE" TO START DIESEL START COUNTS AFTER COMPREHENSIVE TEST PROGRAM. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG MCCOY 8 25 "YOU OUGHT TO USE THOSE NUMBERS" [NUMBERS USED BY BOCKHOLD AT 4/9/90 RII PRESENTATION] [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, SHIPMAN].

58 19900419 EDG SHIPMAN 9 23 ASKED BOCKHOLD WHAT NUMBERS HE USED IN PRESENTATION 17-18 OR 18-19. [AUFDENKAMPE, BOCKHOLD, MOSBAUGH, STRINGFELLOW, MCCOY].

58 19900419 EDG HAIRSTON 12 6 "WE GOT THE STARTS - SO WE DIDN'T HAVE NO, WE DIDN'T HAVE NO TRIPS?" [SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG MCCOY 12 7 "I'LL TESTIFY TO THAT." [MEANING NO TRIPS] [HAIRSTON, SHIPMAN, STRINGFELLOW, MOSBAUGH, AUFDENKAMPE, MCCOY].

58 19900419 EDG SHIPMAN 12 8 "JUST DISAVOW." [PROBABLY MEANING FOR MCCOY TO DISAVOW ANY KNOWLEDGE OF EDG TRIPS] [HAIRSTON, STRINGFELLOW, AUFDENKAMPE, MCCOY, MOSBAUGH].

222 19900727 EDG MOSBAUGH 39 3 "APPARENTLY, STRINGFELLOW THOUGHT IT [TAPED EDG] WAS A 4 HOUR." [REPORT REQUIREMENT] [TO MOSBAUGH].

267 19900829 EDG STRINGFELLOW 47 6 "...I'M TICKLED TO DEATH THAT...Y'ALL ARE TAKING THIS THING [CORRECTION OF EDG START DATA] SERIOUSLY, BECAUSE I WASN'T COMFORTABLE WITH IT AT ALL." [TO ODOM, FREDERICKS, A.M.]

STATEMENTS PERTINENT TO SWARTZWELDER

57 19900419 SWARTZWELDER 115 25 TALKED ABOUT HAIRSTON NEEDING TO TALK TO OPERATORS WHO RESET ANNUNCIATORS ON DIESEL IN SITE AREA EMERGENCY. IS CONCERNED ABOUT SPECIFICALLY LETTING THESE OPERATORS KNOW THAT HAIRSTON WILL NOT YELL AT THEM. [TO CASH, MOSBAUGH].

58 19900419 HAIRSTON 2 4 PUT WORDS IN EQUIPMENT OPERATOR'S MOUTH ABOUT CHECKING GAGES ON DIESEL BEFORE PUSHING RE-START BUTTON. [DELOACH, MOSBAUGH, SWARTZWELDER].

58 19900419 HAIRSTON 5 16 DISCUSSED WORDING OF LER. [MOSBAUGH, SWARTZWELDER, DELOACH].

58 19900419 SHIPMAN 31 7 [RE VEGP SITE HELP ON 4/19 LER]
"...THE THING HAS SUCH A POLITICAL IMPACT THAT KEN, PAT, AND GEORGE [MCCOY, MCDONALD, HAIRSTON] WANTED TO FINE TUNE IT FOR TECHNICAL AS WELL AS POLITICAL IMPLICATIONS." [SWARTZWELDER, MOSBAUGH, AUFDENKAMPE].

75 19900430 SWARTZWELDER 53 12 A CONVERSATION WITH MOSBAUGH ABOUT "PROBLEMS" IN MOSBAUGH'S COMPREHENSIVE EDG START LIST. [TO MOSBAUGH, KITCHENS].

76 19900430 MOSBAUGH 2 8 TALKED ABOUT REVIEWING HIS COMP. LIST OF EDG STARTS WITH KITCHENS, CASH, SWARTZWELDER ON 4/30. [MOYE, HORTON].

98 19900508 SWARTZWELDER 60 5 TALKED ABOUT REV 1 TO 4/19/90 LER IN PRB. [TO MOSBAUGH, AUFDENKAMPE, FREDERICKS].

246 19900813 BOCKHOLD 11 2 ANTICIPATES NRC SPEC. INSPEC. QUESTIONS ABOUT ORIGIN OF EDG START DATA ON 4/9 PRESENTATION TRANSPARENCIES. SAYS CASH PRIMARILY INVOLVED IN THAT ISSUE. [TO GREENE, FREDERICKS, SWARTZWELDER, A.M., AND OTHER VEGP MANAGERS.]

STATEMENTS PERTINENT TO TYNAN

75 19900430 MOSBAUGH 35 2 "I COMPLETED MY REVIEW. I FINALLY SORTED OUT ALL THE STARTS, I THINK." [TO TYNAN] [MOSBAUGH GIVING THIS DATA TO BOCKHOLD].

75 19900430 TYNAN 35 21 "THIRTEEN, FIFTEEN, AND SEVENTEEN ARE RIGHT SMACK IN THE MIDDLE." [TO MOSBAUGH ABOUT EDG PROBLEMS IN THE SERIES OF STARTS].

186 19900629 ODOM 47 21 "I DON'T KNOW WHERE IT ['SUBSEQUENT TO THE EVENT' TERMINOLOGY] CAMEFROM. I JUST CALLED HARRY [MAJORS] AND TOLD HARRY, 'STOP THE PRESS. IT'S NOT RIGHT.'" [TO MOSBAUGH, TYNAN].

186 19900629 TYNAN 47 24 "WHY CAN'T WE GET THROUGH WHAT WE [PRB] KEEP APPROVING AND SENDING OFF SITE?" [TO MOSBAUGH, ODOM RE DRAFTS OF LER REV'S].

186 19900629 ODOM 48 13 "YOU WRITE THE NRC AND TELL THEM THE FALSE STATEMENT IN THE REVISION...YOU DON'T TRY A MINOR TYPOGRAPHIC ERROR. YOU TELL WHY YOU KNOW." [TO MOSBAUGH, TYNAN RE LER REV].

187 19900629 MOSBAUGH 14 16 "I'M JUST SAYING THAT THE REV PROPOSED ON 5/8 IS NO DIFFERENT THAN THIS [6/29]. NOW WHY WASN'T THAT SUBMITTED?" [TO WEBB, TYNAN].

187 19900629 FREDERICKS 19 23 "MY UNDERSTANDING FROM HARRY MAJORS IS THAT HAIRSTON MAY HAVE WROTE THE LAST SENTENCE HIMSELF." [TO MOSBAUGH, TYNAN, HORTON RE LER REV].

STATEMENTS PERTINENT TO WEBB

10 19900323 WEBB 11 5 "BUT IT TRIPPED." [DISCUSSING EDG WITH KOCHERY & MOSBAUGH].

57 19900419 WEBB 123 19 "WE NEED TO GET RID OF THE STATEMENT IN THE LER ABOUT HOW MANY FAILURES OR HOW MANY TESTS YOU'VE GOT ALTOGETHER, OR ELSE CORRECT THE MISCONCEPTION THAT WE GENERATED ON 4-9. I DON'T KNOW IF WE SHOULD TRY TO CONTINUE THE MISCONCEPTION..."[AM, ODOM, AUFDEN]

159 19900611 AUFDENKAMPE 5 17 "HAIRSTON WON'T SIGNOUT THE LER." [WEBB, MOSBAUGH] [RE REV 1, LER THAT WAS PRB APPROVED AND SENT TO BIRMINGHAM IN MID-MAY].

159 19900611 AUFDENKAMPE 6 6 "THEY'RE GOING TO HAVE QA AUDITS." [BIRMINGHAM GOING TO HAVE VEGP SITE QA DO AN AUDIT ON THE DIESEL START COUNTS] [TO MOSBAUGH, WEBB].

159 19900611 SHEBANI 36 17 "GEORGE [BOCKHOLD] APPARENTLY HAD A DISCUSSION WITH MCCOY, AND GEORGE DID DIRECT TO TOM [WEBB] WHAT HE WANTS PUT IN THERE." [TO MOSBAUGH RE REV TO LER].

160 19900612 WEBB 5 18 "GEORGE [BOCKHOLD] DID. HE SAID HE WANTED NEW -- NEW INFO." [BOCKHOLD INSTRUCTED WEBB TO USE THE VALID START TERMINOLOGY IN THE LER REV] [TO MOSBAUGH].

187 19900629 WEBB 3 15 "...IT GIVES THE IMPRESSION THAT ALL THE TESTS AFTER THAT MAY HAVE BEEN SURVEILLANCE PROCEDURES TOO, AND THEY WEREN'T. ...THERE WERE INVALID TESTS IN THERE ALSO." [TO MOSBAUGH RE LER REVS].

187 19900629 WEBB 6 9 "HAIRSTON CHANGED AT LEAST 3 OF THEM [LER REVS]...AT LEAST 3, BUT SHIPMAN CHANGED ONE OF THEM, I KNOW." [TO MOSBAUGH].

187 19900629 MOSBAUGH 14 16 "I'M JUST SAYING THAT THE REV PROPOSED ON 5/8 IS NO DIFFERENT THAN THIS [6/29]. NOW WHY WASN'T THAT SUBMITTED?" [TO WEBB, TYNAN].

187 19900629 MAJORS 52 19 "I WILL ACCEPT IT, [RESPONSIBILITY OF AUTHORSHIP FOR LER REV COVER LETTER] BUT I'LL RESERVE THE RIGHT TO MAKE A DISCLAIMER AT A LATER POINT." [TO GREENE, MOSBAUGH, ODOM, FREDERICKS, WEBB].

187 19900629 GREENE 54 12 "OK, WE'RE GOING TO LET THE LER [REV] TALK ABOUT VALID STARTS, AND WE'RE GOING TO LET THE COVER LETTER TALK ABOUT SUCCESSFUL STARTS SUBSEQUENT TO THE TEST PROGRAM?" [TO MOSBAUGH, ODOM, FREDERICKS, WEBB].

TAPES HIGHLIGHTED

BY TS LA

AS BEING

EXCULPATORY

11, 19, 30, 40, 69, 70, 71,
88, 89, 90,
157, 163, 164, 172

6/9

SUPPLEMENTAL INFORMATION

In January, 1992, after review, transcription, and identification of the speakers on the tapes, and initial NRC staff interviews, the facts of the investigation that had been obtained to date were presented to the U. S. Attorney (USA), Northern District of Georgia (NDG), Atlanta, GA, for consideration of continuance of the investigation by the Department of Justice.

After evaluation of tape and documentary evidence, and NRC testimony, the USA declined to continue their criminal investigation into the issues, and returned investigative responsibility to OI, with the understanding that if the NRC OI investigation uncovered evidence of criminal violations, their office would again evaluate the evidence for consideration of criminal prosecution.

On December 16, the facts of this case were presented to the U. S. Attorney's Office, NDG. The USA declined prosecution in favor of administrative/civil remedies by NRC.

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LIST OF EXHIBITS

FINAL
Exhibit *FINAL*
No. Description

- 1 1 Request for Investigation, dated November 1, 1990, from Stewart D. EBNETER, Regional Administrator, Region II, NRC.
- ② Addendum to Request for Investigation, with attachments, dated June 19, 1991, from Regional Administrator, Region II, NRC.
- 3 2 Computer printout alleging false statements, by Georgia Power Company (GPC) to NRC, regarding Emergency Diesel Generator testing, undated, prepared by Allen L. MOSBAUGH, former Acting Assistant General Manager for Plant Support, Plant Vogtle, GPC, and provided by MOSBAUGH to NRC on June 14, 1990.
- 4 3 Copy of NRC Letter, entitled SUBJECT: CONFIRMATION OF ACTION LETTER, to GPC (Hairston), dated March 23, 1990.
- 5 4 Transcripts of Interview of MOSBAUGH, dated July 18 and 19, 1990.
- 6 ✓ Transcript of Interview of MOSBAUGH, dated November 4, 1993.
- 7 5 Copy of "Diesel Testing" transparency presented to NRC on April 9, 1990, by George BOCKHOLD, Jr., former General Manager, Plant Vogtle, GPC.
- 8 6 Copy of "Quarantined Components" transparency presented to NRC by BOCKHOLD on April 9, 1990.
- 9 7 Transcript of Interview of Jimmy Paul CASH, former Operations Supervisor, Plant Vogtle, GPC, dated August 14, 1990.
- 10 8 Transcript of Interview of CASH, dated June 14, 1993.
- 11 9 Copy of computer printout, undated, identified by CASH as being representative of his handwritten list of Diesel Start entries obtained from the Vogtle, Unit 1, Control Log and Shift Supervisor's Log, which he provided to BOCKHOLD as part of BOCKHOLD's preparation for the April 9, 1990 presentation to NRC.
- 12 10 Transcript of Interview of BOCKHOLD, dated August 14, 1990.
- 13 11 Transcript of Interview of BOCKHOLD, dated June 22, 1993, with exhibits.
- 14 12 Transcript of Interview of Kenneth S. BURR, Senior Project Engineer, Southern Nuclear Company (SNC), dated June 14, 1993, with exhibits.
- 15 13 Plant Vogtle, Unit 1, Control Log, for period March 20, 1990 - April 9, 1990.

6/11

Exhibit No.	Description
16 14	Copies of DIESEL GENERATOR START LOG (from VEGP Procedure No. 55038-C), from train B, Unit 1, for the period 2-16-90 (Start No. 1-90-114) through 5-23-90 (Start No. 1-90-161).
17 15	Copies of Diesel Test COMPLETION SHEETS, (from VEGP Procedure No. 13145-1) for DGLB (Diesel Generator B, Unit 1), for the period 3-13-90 through 4-19-90.
18 16	Report of Interview of Stewart D. EBNETER, Regional Administrator (RA), Region II (RII), NRC, dated July 17, 1991.
19 17	Report of Interview of Stewart D. EBNETER, RA, RII NRC, dated February 27, 1992.
20 18	Reports of Interview of Kenneth E. BROCKMAN, Branch Chief, Incident Response Branch, Office of Analysis and Evaluation of Operational Data (AEOD), NRC--formerly Section Chief, Vogtle Project, Division of Reactor Projects (DRP), RII, NRC, dated <u>September 5, 1991</u> , and <u>August 23, 1993</u> .
21 19	Report of Interview of Milton D. HUNT, Reactor Inspector, Engineering Branch, Division of Reactor Safety (DRS), RII, NRC, dated September 3, 1991.
22 20	Report of Interview of Peter A. TAYLOR, Reactor Inspector, Engineering Branch, DRS, RII, NRC, dated September 4, 1991.
23 21	Report of Interview of David B. MATTHEWS, Director, Project Directorate II-3, NRR, NRC, dated September 5, 1991.
24 22	Report of Interview of Leigh TROCINE, Resident Inspector, Turkey Point Nuclear Station, RII, NRC--formerly a Project Engineer, RII, NRC, dated August 30, 1991.
25 23	Report of Interview of Alfred E. CHAFFEE, Events Assessment Branch, Office of Nuclear Reactor Regulation (NRR), NRC--formerly Team Leader, Incident Investigation Team (IIT), NRC, for the Vogtle Site Area Emergency (SAE), dated August 28, 1991.
26 24	Report of Interview of Richard A. KENDALL, Senior General Engineer, Department of Energy, Germantown, MD--formerly Senior Electrical Engineer, Events Assessment Branch, NRR, NRC, dated August 28, 1991.
27 29	Copy of GPC Letter, entitled VOGTLE ELECTRIC GENERATING PLANT CONFIRMATION OF ACTION LETTER, to NRC (Ebneter), dated April 9, 1990.
28 30	Transcript of James A. BAILEY, Licensing Manager, Vogtle Project, SNC, dated June 23, 1993, with exhibits.

<u>Exhibit No.</u>	<u>Description</u>
29 31	Transcript of C. Kenneth McCOY, Vice-President, Vogtle Project, SNC, and V-P, GPC, dated June 30, 1993, with exhibits.
30 32	Transcript of N. Jackson STRINGFELLOW, Project Licensing Engineer, SNC, dated June 21, 1993.
31 33	Transcript of W. George HAIRSTON, III, Executive Vice President, GPC; and Chief Operating Officer, SNC, dated June 25, 1993, with exhibits.
32 34	Copy of Draft, dated April 19, 1990, of GPC Licensee Event Report (LER) 90-06, pertaining to the Site Area Emergency at Plant Vogtle on March 20, 1990.
33 35	MOSBAUGH audio tape, dated April 19, 1990, #3 (NRC #57)
34 36	Transcript of MOSBAUGH audio tape, (NRC #57)
35 37	MOSBAUGH audio tape, dated April 19, 1990, #4, (NRC #58).
36 38	Transcript of MOSBAUGH audio tape, (NRC #58).
37 39	Copy of GPC LER, No. 90-06, entitled LOSS OF OFFSITE POWER LEADS TO SITE AREA EMERGENCY, with transmittal letter, dated April 19, 1990.
38 40	Transcript of Interview of John G. AUFDENKAMPE, Manager, Mechanical Group, Vogtle Project, Southern Company Services (SCS) - formerly Manager, Technical Support, Plant Vogtle, GPC, dated June 16, 1993, with exhibits.
39 41	Transcript of William B. SHIPMAN, General Manager, Plant Support, Vogtle Project, SNC & GPC, dated June 11, 1993.
40 46	Transcript of Interview of Georgie R. FRIEDERICK, Manager, Maintenance, Plant Vogtle - formerly, Supervisor, Safety Audit and Engineering Review (SAER), Plant Vogtle, GPC, dated June 28, 1993, with exhibits.
41 47	Copy of Letter of Transmittal, dated June 29, 1990, to the first Revision to LER 90-06, addressed to the NRC Document Control Desk, from GPC (W. G. Hairston).
42 48	Transcript of Interview of Harry W. MAJORS, Licensing Project Engineer, Vogtle Project, SNC, dated June 29, 1993.
43 49	Copy of GPC SAER Audit of Diesel Generator Records, dated June 29, 1990.

Exhibit
No.

Description

- 44 Copy, dated August 22, 1990, of Response to NRC Question Concerning Diesel Starts Reported on April 9, 1990 and in LER 90-06, Revisions 0 and 1.
- 45 50 Copy of Letter from GPC (Hairston, signed by McCoy) to NRC (Ebner), entitled VOGTLE ELECTRIC GENERATING PLANT CLARIFICATION OF RESPONSE TO CONFIRMATION OF ACTION LETTER, with attachments, dated August 30, 1990.
- 46 51 Copy of marked-up draft of GPC Letter to NRC, entitled VOGTLE ELECTRIC GENERATING PLANT CLARIFICATION OF RESPONSE TO CONFIRMATION OF ACTION LETTER, dated August 28, 1990.
- 47 52 Transcript of Interview of Thomas V. GREENE, Manager, Engineering and Licensing, Vogtle Project, SNC--formerly Assistant General Manager, Plant Support, Plant Vogtle, GPC, dated July 6, 1993.
- 48 53 Transcript of Interview of R. Patrick McDONALD, Executive Director, Advanced Reactor Corporation--formerly Executive Vice President, GPC and Alabama Power Company, dated July 1, 1993.
- 49 ✓ Letter from B. LAVINE, attorney, Troutman Sanders Law Firm, to James Y. Vorse, Field Office Director, Atlanta Field Office of Investigations, NRC, dated August 4, 1993, declining polygraph examinations on behalf of HAIRSTON, MCCOY, SHIPMAN, STRINGFELLOW, BOCKHOLD, and AUFDENKAMPE.
- 50 Transcript of Interview of Kenneth R. HOLMES, Manager, Training and Emergency Preparedness, VEGP, GPC, dated September 27, 1991, with exhibits.
- 51 ✓ Report of Interview of Christopher C. ECKERT, Quality Assurance Auditor, VEGP, GPC, dated November 3, 1993.
- 52 ✓ Report of Interview of Paul M. KOCHERY, Engineering Supervisor, Plant Modifications, VEGP, GPC, dated November 3, 1993, with exhibits.
- 53 ✓ Report of Interview of Charles L. COURSEY, Superintendent, Maintenance Department, VEGP, GPC, dated November 3, 1993.
- 54 ✓ Report of Interview of Kenneth C. STOKES, Senior Engineer, VEGP, GPC, dated November 3, 1993.
- 55 ✓ Copy of Letter of Transmittal, signed by R. P. McDONALD, and Page 3, Section III.3, of GPC's RESPONSE TO MOSBAUGH/HOBBY 2.206 PETITION, dated April 1, 1991.
- 56 ✓ NRC Special Team Inspection Report, No.s 50-424,425/90-19 Supplement 1, dated November 1, 1991.

Exhibit
No.

Description

- 57 69 Transcript of MOSBAUGH audio tape (NRC #187).
- 58 ~~X~~ *Same as #87* MOSBAUGH audio tape, dated August 15, 1990, #3 (NRC #253).
- 59 64 MOSBAUGH audio tape, undated (NRC #184).
- 60 65 Transcript of MOSBAUGH audio tape (NRC #184).
- 61 27 MOSBAUGH audio tape, dated April 11, 1990 (NRC #42).
- 62 28 Transcript of MOSBAUGH audio tape, (NRC #42).
- (63) MOSBAUGH audio tape, dated August 30, 1990, #2 (NRC #269).
- (64) Transcript of MOSBAUGH audio tape, (NRC #269).
- 65 ✓ MOSBAUGH audio tape, dated April 11, 1990, #1 (NRC #41).
- 66 ✓ Transcript of MOSBAUGH audio tape, (NRC #41).
- 67 72 MOSBAUGH audio tape, dated August 17, 1990, #1 (NRC #258).
- 68 72(2) Transcript of MOSBAUGH audio tape (NRC # 258).
- 69 25 MOSBAUGH audio tape, dated March 23-24, 1990 (NRC #10).
- 70 26 Transcript of MOSBAUGH audio tape, (NRC #10).
- 71 66 MOSBAUGH audio tape, dated June 29, 1990, #1 (NRC #186).
- 72 67 Transcript of MOSBAUGH audio tape (NRC #186).
- 73 56 MOSBAUGH audio tape, undated, with the word "McCOY" written on it (NRC #99).
- 74 57 Transcript of MOSBAUGH audio tape (NRC #99).
- (75) MOSBAUGH audio tape, dated July 27, 1990, #1 (NRC #222).
- (76) Transcript of MOSBAUGH audio tape (NRC #222).
- (77) MOSBAUGH audio tape, dated August 13, 1990, #3 (NRC #247).
- (78) Transcript of MOSBAUGH audio tape (NRC #247).
- 79 ✓ MOSBAUGH audio tape, dated August 13, 1990, #2 (NRC #246).
- (80) Transcript of MOSBAUGH audio tape (NRC #246).
- (81) MOSBAUGH audio tape, dated August 15, 1990, #4 (NRC #254).

Exhibit
No.

Description

- (82) Transcript of MOSBAUGH audio tape (NRC #254).
(83) MOSBAUGH audio tape, dated July 30, 1990, #2 (NRC #226).
(84) Transcript of MOSBAUGH audio tape (NRC #226).
(85) MOSBAUGH audio tape, dated July 30, 1990, #3 (NRC #227).
(86) Transcript of MOSBAUGH audio tape (NRC #227).
87 70 MOSBAUGH audio tape, dated August 15, 1990, #3 (NRC #253).
88 71 Transcript of MOSBAUGH audio tape (NRC #253).
(89) MOSBAUGH audio tape, dated July 23, 1990, #2 (NRC #215).
(90) Transcript of MOSBAUGH audio tape (NRC #215).
91 73 MOSBAUGH audio tape, dated August 29, 1990, #2, (NRC #267).
92 74 Transcript of MOSBAUGH audio tape (NRC #267).
(93) MOSBAUGH audio tape, dated July 23, 1990, #1 (NRC #214).
(94) Transcript of MOSBAUGH audio tape (NRC #214).
? 95 Report of Interview of George BOCKHOLD, dated November 23, 1993.
96 68 MOSBAUGH audio tape, dated (NRC #187).
97 60 MOSBAUGH audio tape, dated June 12, 1990 (NRC #160).
98 61 Transcript of MOSBAUGH audio tape (NRC #160).

THE FOLLOWING EXHIBITS WERE SPECIFICALLY IDENTIFIED BY THE LAW
FIRM OF TROUTMAN-SANDERS, ON BEHALF OF THEIR CLIENT, GEORGIA POWER
COMPANY.

- 99 75 MOSBAUGH audio tape, dated March 24, 1990 (NRC #11). Note: there
is no NRC transcript of this tape.
100 76 NRC Inspection Report No. 90-05, dated April 26, 1990.
101 78 NRC IIT transcript No. 147, dated March 30, 1990.
102 79 NRC IIT transcript No. 257, dated April 3, 1990.
103 80 NRC IIT transcript No. 168-1, dated April 4, 1990.

Exhibit No.	Description
104 31	NRC IIT transcript No. 200, dated April 5, 1990.
105 32	NRC IIT transcript No. 212, dated April 10, 1990.
106 83	NRC IIT transcript No. 205, dated April 7, 1990.
107 84	NRC IIT transcript No. 245, dated April 12, 1990.
108 85	MOSBAUGH audio tape, dated March 28, 1990, #1 (NRC #19). Note: No NRC transcript.
109 86	MOSBAUGH audio tape, dated April 10, 1990, #2 (NRC #40). Note: No NRC transcript.
110 87	MOSBAUGH audio tape, dated April 26, 1990, #2 (NRC #69). Note: No NRC transcript.
111 88	MOSBAUGH audio tape, dated April 27, 1990, #1 (NRC #71). Note: No NRC transcript.
112 89	Copy of the minutes of Vogtle Plant Review Board (PRB) meeting, No. 90-59, dated April 18, 1990.
113 ✓	Two folders of indexed documents, received from Troutman Sanders on October 7, 1993.

✓: We've got it.

O: We don't have it (not sure about #55)

TAPE 58
SIDE A

(P8)

FIRS: E P65 ARE
HAIRSTON QUESTIONS
DELOACH. — AM E
SWARTZ ON PHONE)

↓
MOSB WALKS IN AS AUF
IS TALKING TO "GROUP"

(GB, MCCOY, SHIPMAN, STRING, —
LATER HAIRSTON —
BAILEY ?)

6/12

TAPE 269 SIDE B (8/29/91)

START AT P 46

MCSBALGH WALKS INTO
PHONE CON (SPEAKER)

BETWEEN GEO FREDERICK
& NJS

NJS STILL "UNCOMFORTABLE"
WOTH START SITUATION
=

To: Sta. Vias

From: Larry L. Robinson, OI

Subject: Listing of Mosbaugh Tapes Retained

Per your request in our phone conversation of April 10, 1991, this list of 76 Mosbaugh tapes currently retained by OI is hereby provided:

9, 10, 41, 42, 57, 58, 73, 74, 75, 76, 81, 83, 95, 98, 99,
100, 101, 155, 156, 158, 159, 160, 165, 166, 167, 168, 169, 175, 182, 183,
184, 185, 186, 187, 199, 200, 201, 204, 205, 212, 213, 214, 215, 216, 217,
219, 220, 222, 223, 224, 225, 226, 227, 230, 234, 245, 246, 247, 248, 249,
250, 251, 252, 253, 254, 256, 257, 258, 259, 260, 261, 264, 266, 267, 268,
269

6/13

To: Steve Vias

From: Larry L. Robinson, OI

Subject: Listing of Mosbaugh Tapes Retained

Per your request in our phone conversation of April 10, 1991, this list of 76 Mosbaugh tapes currently retained by OI is hereby provided:

~~9, 10, 11, 12, 57, 58, 73, 74, 75, 76, 81, 83, 93, 98, 99,~~
~~100, 101, 155, 156, 158, 159, 160, 165, 166, 167, 168, 169, 175, 182, 183,~~
~~184, 185, 186, 187, 199, 200, 201, 204, 205, 212, 213, 214, 215, 216, 217,~~
~~219, 220, 222, 223, 224, 225, 226, 227, 230, 234, 245, 246, 247, 248, 249,~~
~~250, 251, 252, 253, 254, 256, 257, 258, 259, 260, 261, 264, 266, 267, 268,~~
~~269~~
255 →

○ BLANK (OR NOT
TRANSCRIBABLE)

6/14

TAPES
RECEIVED WITH TRANSCRIPTS (FROM
PROBABLY NRR SET
OF DUPES)

251, 252, 253, 254, 260, 261, 266, 267, 269
9, 41, 42, 73, 74, 75, 76, 81, 83
48, 99, 100, 101, 156, 158, 167, 175, 184, 185, 186
200, 201, 204, 205, 212, 213, 215, 217, 219, 222
223, 225, 226, 227, 230, 234, 245, 247, 249, 250
10, 57, 58, 95, 155, 168, 169, 214, 216, 246, 248,
255, 264

62 TAPES

05/15

TRANSCRIPTS: (w/ORIGINAL MOSBAUGH
NOTATIONS)

9, 10, 41, 42, 57, 58, 73, 74, 75,
76, 81, 83, 95, 98, 99, 100, 101, 155,
156, 158, 159, 160, 166, 167, 168, 169, 175,
182, 183, 184, 185, 186, 187, 199, 200, 201,
204, 205, 212, 213, 214, 215, 216, 217, 219,
220, 222, 223, 225, 226, 227, 230, 234, 245,
246, 247, 248, 249, 250, 251, 252, 253, 254,
256, 257, 258, 259, 260, 261, 264, 266, 267,
269,

73 TRANSCRIPTS

NO TRANSCRIPTS FOR 165, 224, 268

DESCRIPTION

TAPES PERTAINING TO EDG

9, 10, 41, 42, 57, 58, 75, 76
 83, 95, 98, 99, 101, 155, 158
 159, 160, 167, 168, 184, 186
 187, 199, 200, 204, 205, 216
 217, 220, 222, (224), 234, 246
 253, 258, 260, 264, 266, 267,
 269

40

TOTAL
 76

ADD'L ORIG TAPES

IN POSS OF OI

73, 74, 81, 100, 156, (165), 166, 169
 175, 182, (183), 185, 201, 212, 213, 214
 215, 219, 223, 225, 226, 227, 230
 245, 247, 248, 249, 250, 251, 252,
 254, 256, 257, 259, 261, 268

36

- ENHANCED TAPES

(SUBSET OF EDG TAPES,
 ABOVE)

10, 41, 57, 58, 75, 76, 159, 160
 184, 186, 187, 234, 253, 258,
 267, 269.

72

- REGION II DUPES

HAVE ALL EXCEPT: 44, 141, 153

274

- MOSBAUGH EXCERPT TAPE

1

03/17

I, Allen L. Mosbaugh hereby acknowledge receipt of the following items from Larry L. Robinson, Investigator, NRC Office of Investigations:

Two hundred-one (201) micro-cassette tape recordings, and three (3) Sentry Fire-proof key lock carrying cases, Model 1100.

This constitutes a partial return of the two hundred seventy-seven (277) micro-cassette tape recordings and carrying cases provided to Investigator E. L. Williamson, Office of Investigations, NRC, on September 13, 1990. The two hundred-one (201) cassettes received are identified with NRC numbers as follows:

1	2	3	4	5	6	7	8	11	12	13	14	15	16	17
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40	43	44	45	46	47	48	49
50	51	52	53	54	55	56	59	60	61	62	63	64	65	66
67	68	69	70	71	72	77	78	79	80	82	84	85	86	87
88	89	90	91	92	93	94	96	97	102	103	104	105	106	107
108	109	110	111	112	113	114	115	116	117	118	119	120	121	122
123	124	125	126	127	128	129	130	131	132	133	134	135	136	137
138	139	140	141	142	143	144	145	146	147	148	149	150	151	152
153	154	157	161	162	163	164	170	171	172	173	174	176	177	178
179	180	181	188	189	190	191	192	193	194	195	196	197	198	202
203	206	207	208	209	210	211	218	221	228	229	231	232	233	235
236	237	238	239	240	241	242	243	244	255	262	263	265	270	271
272	273	274	275	276	277									

Received the above-described items at GROVETOWN, GA, on FEBRUARY 21, 1991.

(signed) Allen L. Mosbaugh
Allen L. Mosbaugh

Witnessed: Larry L. Robinson
Larry L. Robinson, Investigator
Office of Investigations, NRC

Craig T. Tate
Craig T. Tate, Investigator
Office of Investigations, NRC

B118

141 ← STRANGE
DUPE
44 } DUPES
153 }

142 } MCGUIRE
153 } HAS
44 } ORIG'S

B119

MEMORANDUM
OF CALL

Previous editions usable

TO:

☒ YOU WERE CALLED BY -

☐ YOU WERE VISITED BY -

OF (Organization)

☐ PLEASE PHONE ►

☐ FTS

☐ AUTOVON

☐ WILL CALL AGAIN

☐ IS WAITING TO SEE YOU

☐ RETURNED YOUR CALL

☐ WISHES AN APPOINTMENT

MESSAGE

*as tape #44 & others
in his possession*

RECEIVED BY

DATE

TIME

244

63-110 NSN 7540-00-634-4018
☆ U.S. G.P.O. 1992 312-070/60002

STANDARD FORM 63 (Rev. 8-87)
Prescribed by GSA
FPMR (41 CFR) 101-11.6

LIST OF TRANSCRIPTS
TAKEN BY
C.I. RII

TRANSCRIPT NO	TITLE
05-150-C-30	DISCUSSION RE: RESULTS OF TESTING ON A-DIESEL
05-168-1-C-30	TELECONFERENCE BETWEEN IIT, LICENSEE, RII
05-168-2C-30	DIESEL GENERATOR MEETING BETWEEN NRC & CAPWR
05-148-C-30	MEETING WITH EVENT CRITIQUE TEAM
05-147-C-30	MEETING BETWEEN IIT & LICENSEE RE: DIESEL MALFUNCTION
05-200-C-30	TELEPHONE CONF: IIT, LICENSEE, RII
05-203-C-30	TELEPHONE CONF: IIT, LICENSEE, RII
05-205-C-30	IIT TELEPHONE CONF: LICENSEE, RII
05-206-C-30	IIT TELEPHONE CONF WITH VOSTLE
212-C	TELECONFERENCE BETWEEN IIT, LICENSEE & RII
233 C	IIT TELECONFERENCE WITH LICENSEE, VOSTLE
245-C	TELECONFERENCE WITH RII & LICENSEE
246-3 F	IIT INTERVIEW OF FAUST ROSA
257-C	IIT TELECONFERENCE
259-C	IIT TELECONFERENCE BETWEEN LICENSEE & RII
258-C	IIT TELECONFERENCE WITH LICENSEE & RII
260-F	INT. OF RICK ODOM, G. MCCARLEY & M. SHEIBANI

1/20
C.I. RII

(CONF CALLS ON 4/19 (FROM MCSBATH
TAPES # 57, 58)

(55:56 WERE
EARLIER ON 4/19
WE GAVE THESE BACK
TO MCSBATH)

TAPE 57 P 59, LINE 1

MCSBATH ENTERS ON LINE P 8 MTG

(KITCHENS, SWEAT WELDER, HARDWARE)
FREDERICKS, HARDWARE)
MIKE LACKEY C. TYMAN)
TALKING ABOUT EARL RITCHIE OF LER

" " REDUCING FROM 16 TO 8 PAGES
P 62, L 10 MCSBATH
DID YOU CORRECT THE DIESEL STARTS.

I HAD GIVEN JOHN A COMMENT ON
THE DIESEL STARTS.

P 62 L 19 (KITCHENS) "... THE CUT WORKING THAT
SPAYS NO FAILURES, NO
PROBLEMS.

P 63,

P 64, L 3 A.M. ABSTAIN FROM VOTE ON
LER BECAUSE HE CAME
IN TO DO THE LATE

6/21

TAPE 5E, p 2E-24 (SHIPMAN

TALKS ABOUT PAT'S COMMENTS
ON THE LER.

CONF

TRANSCRIPTS - EXHIBITS

1. T-6; 4/2; #28.
2. T-11; 4/25; #65.
3. T-14; 4/26; #68.
4. T-16; 4/27; #72.
5. T-17; 5/7; #78.
6. T-18; 5/7; #79.
7. T-20; 5/1; #86.
8. T-31; 5/10; #107.
9. T-34; 5/17; #--+119.
10. T-37; 5/21; #123.
11. T-39; 5/23; #126.
12. T-40; 5/30; #135.
13. T-41; 5/30; #139.
14. T-48; 6/6; #148.
15. T-55; 6/19; #172.
16. T-59; 6/21; #177.
17. T-62; 6/25; #181.
18. T-63; 7/2; #189.
19. T-67; 7/5; #194.
20. T-74; 8/9; #241.
21. T-76; 7/18; #209.
22. T-87; 7/11; No number.

B/22
R-120

REPRESENTATION ISSUE

BOCKHOLD COVERED IN STAFF
MTGS.

9/23



~~PRE-DECISIONAL INFORMATION - INTERNAL DISTRIBUTION ONLY~~

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555-0001

DRAFT

MEMORANDUM FOR: David B. Matthews, Group Chair
Vogtle Coordinating Group

FROM: Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

SUBJECT: VOGTLE COORDINATING GROUP CHARTER FOR ENFORCEMENT PROPOSALS
RE: OI CASE NO. 2-90-020

Consistent with your role in coordinating activities underway throughout the agency related to Vogtle, enclosed for your implementation is a charter for the preparation of an enforcement proposal associated with the OI investigation (Case No. 2-90-020) of alleged wrongdoing by GPC officials with regard to reporting of diesel generator reliability following the March 20, 1990, Site Area emergency at the Vogtle facility. The objectives of your group's efforts are to review the information collected by OI as part of their ongoing investigation and develop, for management consideration, a proposal on what enforcement actions may be appropriate related to the alleged wrongdoing.

The following individuals have been nominated by their respective management to serve under your direction in completing this assignment:

OE: Renee Pedersen
Jim Luehman (part time)

RII: Pierce Skinner

NRR: Darl Hood
Duke Wheeler

Dick Hoefling, OGC, will serve as Legal Advisor for enforcement-related matters, and Mitzi Young, OGC, will serve as Legal Advisor for hearing-related matters. Your principal points of contact in OI are Dan Murphy (OI-HQ) and Larry Robinson (OI-RII). Jim Partlow, or his designee, will provide senior management oversight and direction.

DRAFT

~~PRE-DECISIONAL INFORMATION - INTERNAL DISTRIBUTION ONLY~~

6/24

DRAFT

David B. Matthews

- 2 -

If you have any questions regarding these objectives or the enclosed charter, please do not hesitate to contact me or Jim Partlow.

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

Enclosure:
Charter for Enforcement Proposals

cc w/enclosure:

J. Snizek
T. Murley
F. Miraglia
J. Partlow
S. Varga
G. Lainas
B. Grimes
J. Leiberman
L. Chandler
B. Hayes
S. Ebnetter
E. Merschhoff
A. Herdt
R. Pedersen
J. Luehman
P. Skinner
B. Uryc
D. Hood
D. Wheeler
D. Hoefling
M. Young

DRAFT

DRAFT

David B. Matthews

- 2 -

If you have any questions regarding these objectives or the enclosed charter, please do not hesitate to contact me or Jim Partlow.

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

Enclosure:
Charter for Enforcement Proposals

cc w/enclosure:

J. Sniezek
T. Murley
F. Miraglia
J. Partlow
S. Varga
G. Lainas
B. Grimes
J. Leiberman
L. Chandler
B. Hayes
S. Ebnetter
E. Merschhoff
A. Herdt
R. Pedersen
J. Luehman
P. Skinner
B. Uryc
D. Hood
D. Wheeler
D. Hoefling
M. Young

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NRR/ADPR
JPartlow
/ /93

OE
JLieberman
/ /93

OI
BHayes
/ /93

RII/ORA
SEbnetter
/ /93

OGC
LChandler
/ /93

NRR/DO
TMurley
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ENCLOSURE

CHARTER FOR VOGTLE ENFORCEMENT PROPOSAL PREPARATION
(OI CASE NO. 2-90-020)

In response to the information briefed by the Office of Investigations (OI) on August 18, 1993, to members of senior NRC staff, the Vogtle Coordinating Group is to complete the following actions:

1. Working with OI, conduct a detailed evaluation of the information and evidence thus far produced by OI's investigation.
2. Based on the review conducted above and the preliminary findings of OI with regard to alleged wrongdoing by GPC officials, make a preliminary determination of ~~whether and, if so,~~ what enforcement action(s) should be formulated in this matter.
3. If there are potential enforcement actions that may be appropriate based on the evidence that OI has produced, develop a recommended course of action for management consideration and prepare a draft enforcement package to support the recommended action.
4. Determine whether the potential enforcement action(s) require consultation with the Commission and, if so, prepare a draft paper to forward the proposed enforcement approach to the Commission.
5. Identify whether and, if so, what additional investigation/field work by OI may be needed to allow a determination as to the appropriateness of a particular enforcement measure or to fully support certain of the proposed enforcement actions.
6. If your preliminary determination is that enforcement is appropriate, prepare the draft enforcement package (Item 3) and Commission paper (Item 4), if needed, for management review by October 22, 1993.
7. In the event that additional OI effort is required (Item 5), you should notify management as soon as such a determination is made in order to revise the above schedule, if warranted, consistent with OI's estimate of the additional effort that may be needed.

ANY
IDENTIFY
VIOLATIONS
OF NRC
REQUIRE-
MENTS.

DRAFT

FOR OFFICIAL USE ONLY

Individuals Identified by OI or the Vogtle Coordinating Group
As Participating in the Alleged Violations

<u>NAME</u>	<u>POSITION DURING ALLEGATION</u>	<u>SONOPCO POSITION AFTER AMENDMENTS</u>
R. Patrick McDonald	GPC/APC Ex. VP- Nuclear Operations (Became SONOPCO/GPC/APC Ex. VP-Nuclear Operations December 18, 1990; Became SONOPCO President & Chief Ex. Off. Oct. 1992. Became SONOPCO Chairman of the Board in May 1993)	N/A (Retired June 1, 1993)
W. George Hairston, III	GPC/APC Sr. VP- Nuclear Operations (Became SONOPCO/GPC/APC Sr. VP-Nuclear Operations December 18, 1990; Became GPC Ex. VP and SONOPCO President & Chief Operating Officer in May 1993; Became Chief Executive Officer of SONOPCO December 13, 1993)	SONOPCO President & Chief Exec. Off.
C. Kenneth McCoy	GPC VP-Vogtle (Became SONOPCO/GPC VP-Vogtle in December 1990)	SONOPCO VP-Vogtle
William B. Shipman	GPC General Mgr-Vogtle (Replaced Bockhold Oct. 1990; Became Vogtle Gen. Support Mgr June 1, 1993.)	SONOPCO Gen. Mgr. Nuclear Support-Vogtle Project
Thomas V. Greene	GPC Asst. Gen Mgr for Plant Support-Vogtle	SONOPCO Mgr. Nuc. Eng and Licensing
George Bockhold, Jr.	GPC General Mgr-Vogtle (Until Oct. 1990)	SONOPCO Gen. Mgr. Nuclear Tech. Support
Georgie R. Frederick	GPC On-site Supv.SAER Vogtle	Vogtle Mgr-Maintenance
Harry W. Majors	GPC Licensing Engr	SONOPCO Licensing Engineer

6/25

~~FOR OFFICIAL USE ONLY~~

Norman J. Stringfellow	GPC Licensing Engr	SONOPCO Licensing Engineer
John G. Aufdenkampe	GPC Mgr Tech Support-Vogtle	SCS Mgr. Mechanical Group Vogtle Project
Allen L. Mosbaugh	GPC Asst. Gen Mgr for Plant Support-Vogtle (3-4/90), Technical Assistant to Vogtle Gen Mgr (5-10,90); Was fired by GPC effective October 11, 1990	N/A
M. Horton	GPC Mgr Engr Support-Vogtle	Mgr Engr Support Vogtle
Jimmy Paul Cash	GPC Unit Operations Superintendent-Vogtle	SONOPCO Strategic Analyst

LIST OF EXHIBITS

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0426

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- 72(a) *TRANSCRIPT #258*
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ADD.

LTR FROM TROTT-SAND DECLINING POLYGRAPHS.

ROAD MAP

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47a, b, c, d, e, f, 1
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Letter from MOSBAUGH to NRC, entitled GEORGIA POWER/SONOPCO 2.206 PETITION RESPONSE IS FILLED WITH LIES, dated May 28, 1991.

Recent Vogtle and Millstone Enforcement Actionsoutside
scope

Vogtle Inaccurate and Incomplete Information - A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$200,000 and three Demands for Information were issued to the Georgia Power Company (Vogtle) on May 9, 1994 (EA 93-304).

- The action involved five violations of 10 CFR 50.9 in which the licensee provided information to the NRC that was not complete and accurate in all material respects.
- The five violations were aggregated into one Severity Level II problem to reflect the serious regulatory concern that the NRC has with the licensee's communications in this case. The violations are of regulatory significance, not because of the effect that the inaccuracies had on the safety of plant operations, but because the circumstances surrounding the communications with the NRC demonstrated an inadequate regard individually by a number of senior licensee officials, and collectively by the licensee's management, for complete and accurate communications with the NRC.
- The base civil penalty of \$80,000 was escalated 50 percent (+\$40,000) because the NRC identified all but one of the violations, and 100 percent (+\$80,000) for the prior opportunities that the licensee had to identify and correct the inaccurate and incomplete information.

6/28

outside
scopeRecent Vogtle and Millstone Enforcement Actions

Vogtle - A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$200,000 was issued to the Georgia Power Company (Vogtle) on May 9, 1994 (EA 93-304).

- The action involved five violations of 10 CFR 50.9 in which the licensee provided information to the NRC that was not complete and accurate in all material respects.
- The five violations were aggregated into one Severity Level II problem to reflect the serious regulatory concern that the NRC has with the licensee's communications in this case. The violations are of regulatory significance, not because of the effect that the inaccuracies had on the safety of plant operations, but because the circumstances surrounding the communications with the NRC demonstrated an inadequate regard individually by a number of senior licensee officials, and collectively by the licensee's management, for complete and accurate communications with the NRC.
- The base civil penalty of \$80,000 was escalated 50 percent (+\$40,000) because the NRC identified all but one of the violations, and 100 percent (+\$80,000) for the prior opportunities that the licensee had to identify and correct the inaccurate and incomplete information.

B/29

outside
SC 072Basis for Vogtle and Millstone Enforcement Actions

A Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$200,000 was issued to the Georgia Power Company (Vogtle) on May 9, 1994 (EA 93-304). The action was based on five instances where the licensee failed to provide information involving emergency diesel generator (DG) reliability to the NRC that was complete and accurate in all material respects. The circumstances surrounding the violations represent a very significant regulatory concern. In particular, the violations are of regulatory significance, not because of the effect that the inaccuracies had on the safety of plant operations, but because the circumstances surrounding the communications with the NRC demonstrated an inadequate regard individually by a number of senior licensee officials, and collectively by the licensee's management, for complete and accurate communications with the NRC. Because the violations collectively represent a very significant regulatory concern, they were categorized in accordance with the Enforcement Policy as a Severity Level II problem. The base civil penalty of \$80,000 was escalated 50% due to NRC identification and 100% for the prior opportunities that the licensee had to identify and correct the information.

6/30

The OI investigation concluded that there were deliberate failures on the part of GPC officials to provide the NRC with information that is complete and accurate in all material respects. The NRC staff formed a review team and consulted extensively with the NRC's Office of the General Counsel to evaluate the OI findings and the supporting evidence. Based on this review and evaluation, the NRC staff concluded that there were a number of instances in which GPC failed to provide complete and accurate information to the NRC and that these failures raise very significant regulatory concerns about GPC's communications with the NRC. The significance of these regulatory concerns is fully reflected in the substantial enforcement action that has been taken in this case. In taking this enforcement action, the NRC staff has chosen not to label the violations as involving willfulness. Instead, the staff has attempted to focus on the Licensee's unacceptable performance in the area of communications with the NRC and the associated regulatory significance of the Licensee's actions, rather than on labelling the degree of willfulness in those actions. This is evident in the enforcement action documents.

\vogpara.jrg

5/31

Documents Cited in Vogtle Coordinating Group Analysis

1. Allegations 1&2

OI Exh. 4

OI Exh. 20

Brockman response to Interrogatory #3 of GPC's 1st Set of Interrogatories to NRC Staff, 12/3/93

OI Exh. 27

OI Exh. 31

OI Exh. 29

OI Exh. 13

OI Exh. 12

OI Exh. 12

GPC's Response to NRC Staff's 1st Set of Interrogatories, 8/8/93

OI Exh. 10

OI Exh. 36

NRC ITT Transcript, 4/2/93

NUREG-1410, Appendix J

OI Exh. 7

OI Exh. 38

OI Exh. 9

OI Exh. 28

OI Exh. 30

OI Exh. 39

OI Exh. 18

OI Exh. 45

2. Allegation 3

OI Exh. 37

6/3/93

OI Exh. 34

OI Exh. 36

OI Exh. 12

GPC's response to NRC Staff 1st set of Interrogatories, 8/9/93

NUREG-1410, Appendix J

OI Exh. 41

OI Exh. 43

OI Exh. 105

OI Exh. 5

OI Exh. 35

OI Exh. 29

OI Exh. 31

3. Allegation 4

OI Exh. 41

GPC Exh. 7 in Attachment 3 of Letter to NRC dated 4/1/91

OI Exh. 5

VCGA Transcript of Tape #90, Side A

GPC Letter to NRC 5/14/90

OI Exh. 31

OI Exh. 98

OI Exh. 97

OI Exh. 43

OI Exh. 9

OI Exh. 40

OI Exh. 10

Exhs. 16-20 in Attachment 3 to GPC's Response to 2.206
Petition, 4/1/91

OI Exh. 57

OI Exh. 42

OI Exh. 29

OI Exh. 13

VEGP PRB Minutes for meeting #90-91, 6/29/90

4. Allegation 5

OI Exh. 45

OI Exh. 68

OI Exh. 29

OI Exh. 31

OI Exh. 39

OI Exh. 35

OI Exh. 42

OI Exh. 48

OI Exh. 40

OI Exh. 28

OI Exh. 30

OI Exh. 13

OI Exh. 47

VEGP PRB Meeting Minutes for Meeting Nos. 90-109, 110 & 111

OI Exh. 38

OI Exh. 60

OI Exh. 10

OI Exh. 95

5. Allegation 6

OI Exh. 27

OI Exh. 13

NRC Inspection Report 50-424,425/90-19, Supp. 1, 11/1/91

OI Exh. 66

NRC Supplemental Response to Intervenor's 1st Set of Interrogatories, 9/15/93

6. Allegation 7

Enclosure to GPC Letter of 4/1/91, attachment 3 (response to 2.206 Petition of Mosbaugh & Hobby)

Mosbaugh Memo to NRC "GPC/SONOPCO 2.206 Petition Response if Filled with Lies," 5/28/91

OI Exh. 36

OI Exh. 44

OI Exh. 48

DOCUMENTS REVIEWED BY VOGTLE COORDINATING GROUP (VGC)
AND NOT CITED IN VCG OR OI REPORTS

1. Vogtle Unit 1 Second Refueling Outage (1R2) Target Vs. Actual Critical Path (Reproduced from Aperture Card from information collected by IIT; 9202200432-04/01, 2 large-size pages. Publicly available.
2. Vogtle Unit 1 First Refueling Outage (1R1) Target Vs. Actual Critical Path (Reproduced from Aperture Card from information collected by IIT; 9202200432-02, 1 large-size page. Publicly available.
3. "VEGP Plant Review Board Meeting Minutes," No. 90-57, dated 4/12/90, 1:10 p.m. - 2:50 p.m., 4 pages.
4. "VEGP Plant Review Board Meeting Minutes," No. 90-60, dated 4/19/90, 1:25 p.m. - 2:45 p.m., 3 pages.
5. "VEGP Plant Review Board Meeting Minutes," No. 90-66, dated 5/8/90, 9:15 a.m. - 10:00 a.m., 2 pages.
6. "VEGP Plant Review Board Meeting Minutes," No. 90-67, dated 5/10/90, 1:20 p.m. - 2:05 p.m., 3 pages.
7. "VEGP Plant Review Board Meeting Minutes," No. 90-68, dated 5/11/90, 2:50 p.m. - 4:05 p.m., 2 pages.
8. "VEGP Plant Review Board Meeting Minutes," No. 90-76, dated 5/31/90, 1:00 p.m. - 3:10 p.m., 4 pages.
9. "VEGP Plant Review Board Meeting Minutes," No. 90-81, dated 6/18/90, 1:10 - 2:40 p.m., 5 pages.
10. Memorandum from G. Bockhold, Jr. to PRB members and SRB members, Subject: "Reportability Determination for Deficiency Card 1-90-003," dated June 4, 1990, 1 page (Related to PKB Meeting No. 90-81, Item H).
11. "VEGP Plant Review Board Meeting Minutes," No. 90-82, dated 6/12/90, 2:00 p.m. - 4:40 p.m., 4 pages.
12. "VEGP Plant Review Board Meeting Minutes," No. 90-84, dated 6/21/90, 1:00 p.m. - 3:20 p.m., 4 pages.
13. "VEGP Plant Review Board Meeting Minutes," No. 90-90, dated 6/28/90, 1:30 p.m. - 3:25 p.m., 4 pages.
14. "VEGP Plant Review Board Meeting Minutes," No. 90-91, dated 6/29/90, 5:00 p.m. - 5:30 p.m., 2 pages.

15. "VEGP Plant Review Board Meeting Minutes," No. 90-96, dated 7/12/90, 1:10 p.m. - 2:40 p.m., page nos. 1 and 4.
16. "Open Item Tracking System," (00409-C) by C. Tynan, Control # 19094, with handwritten "Question/Action" noted to be "Closed at PRB 90-96."
17. Draft of Licensing Event Report (LER) 1-90-006 Revision 1 (8 pages), with coversheets (2 pages), and attachment "VEGP Plant Review Board Meeting Minutes," No. 90-67, 1:20 p.m. - 2:05 p.m., dated 5/10/90 (3 pages), and marked coversheet for PRB meeting minutes (1 page).
18. Draft of LER 1-90-006, "Loss of Offsite Power Leads to Site Area Emergency," (15 pages) with coversheet signed by John Aufdenkampe 4/11/90 (1 page). Upper right corner of coversheet is marked "Exh. M, 6/16/93 LLR."
19. Draft of PRB Comment Review Sheet PRB-90-60, dated 5/8/90 (unsigned by PRB Chairman), (1 page), with draft LER 90-006 Revision 1 (8 pages) and coversheet (unsigned) (1 page).
20. Handwritten note from Mark Ajluni to "Ken" dated 12/19/90 (1 page) with attachment "Vogtle Electric Generating Plant Unit 1 Control Log" dated Friday, 3/23/90 (1 page).
21. "Diesel Generator Testing Unit 1," Revision 0, dated 3/24/90 (3 pages).
22. "Road Map, OI Case No. 2-90-020," (12 pages).
23. Draft "Synopsis" [of OI Investigation], (undated), stamped with fax date 11-19-1993 (2 pages).
24. Typed note (undated) from John Rogge to Ken Brockman, Subject: "GPC Meeting with Alan Mosbaugh," (referring to a meeting on June 19, 1990), (3 pages).
25. "Diesel Generator Operability Test," Procedure No. 14980-1, Revision 19, VEGP Unit 1, 31 pages; with "Procedure Request Form," (VEGP 000512-C, Revision 12, page 29 of 35) approved by J. Cash 4-5-90 (1 page); "Temporary Change to Procedure Form No. 14980-1-19-90-1 (1 page) with changed pages (procedure 14980-1 Revision 19) for pages 1, 5, insert page for page 5, 6, 7, 19, insert page for page 19, 25, and 29 (9 pages).
26. Memorandum from J. Blanton to C. Siegel, Subject: "Documentation for NUREG-1410," dated February 13, 1992 (1 page), with attached "Bibliography" dated September 14, 1990 (39 pages listing 353 numbered entries). Publicly available.

27. Maintenance Work Order (MWO) No. 18903678, Vogtle 1 & 2, dated 3-29-90 (1 page).
28. MWO No. 19001576, Vogtle Unit 1, dated 3-28-90 (3 pages) with coversheet (1 page).
29. Letter from W.G. Hairston III to NRC, ELV-01793, dated June 22, 1990 (1 page) with enclosure titled "Special Report 1-90-04" (1 page). These documents report valid DG-1B failure of 5-23-90. Publicly available.
30. Letter from R.P. McDonald to NRC regarding petition of M. Hobby and A. Mosbaugh, ELV-02143, dated September 28, 1990 (1 page) with enclosure (4 pages). Publicly available.
31. Letter from R.P. McDonald to T. Murley, NRC, regarding petition of M. Hobby and A. Mosbaugh, ELV-02684, dated April 1, 1991 (1 page), with enclosure titled "Additional Information Regarding the Hobby/Mosbaugh Petition," (11 pages) and several exhibits (54 pages). Publicly available.
32. "List of Exhibits", pages 105-111 of OI Report, Case No. 2-90-020R, marked by L. Wheeler to cross-reference initial and final OI exhibit numbers.
33. Memorandum from P. Skinner to S. Ebnetter, Subject: "Analysis of EDG Information Provided by GPC in the Original and Revised Responses to LER 90-06 and the Confirmation of Action Letter Associated with Vogtle Site Area Emergency of March 20, 1990," dated October 6, 1992 (5 pages) with 5 enclosures (13 pages).
34. "Tape 57 & 58 Excerpts Re:EDGs," (cross-reference of transcript page to tape counter reading), (1 page).
35. Draft summary of NRC special team inspection at Vogtle, titled "Inspection Summary," (undated) with handwritten comments by unknown individual, (6 pages).
36. Computer printout dated 1/28/92 of comments from A. Mosbaugh's tapes, titled "Vogtle Electric Generating Plant Evidentiary Statements by Issue/Speaker/Chron," (79 pages).
37. Memorandum from P. Skinner to J. Johnson, Subject: "Assessment of Vogtle Tape Review," dated July 23, 1992 (1 page) with attachment titled "Vogtle Special Inspections Tape Matrix" (11 pages) dated July 23, 1992. Attachment is marked "Limited Distribution-Not for Public Release-Draft-Pre-decisional Information."

NOT THE EQUIP
NOT THE OPERS

NOT THE DESIGN

It is something about this
Inspectors can't quantify this!

- 1) NO S/D Issues for Tech Safety Reason
- 2) yes Alley
- 3) Yes TS VIOL (minor signif)
- 4) There is a Problem

Ken
AO

9/3/7

- (22) VOLUNTARY OVERTIME
Up to 40% - Non Overage
Appvl's After Fact - No Doc to decide 1 or 2
NO VIOL

McCoy - 40% (solid)
not necessarily that
high (eg 5x) 2 = 50%
Super watches for
detrimental effects.

CMT:

- (23) SHIFT T/O
(Safety Mtg's X Hearing)

Agree

- (24) BACK SHIFT EXPER

Agree

- (25) SHIFT Commo
(Vary Greatly)

Agree
(w/ Cmts)

- (26) OPNS RW of MAINT
PROC's

More Info to
Follow - 70 of Procs
which have/have not
been Opn's RW

Understand

- (27) MAT'L COND / PEES. RESP
PEO's limited to "their" equip
PEO unable

McCoy -
Potential to
have Overage
#OVERSHIP

Pat Takes
Great Exception !!

Bio Acid Leaks

3/6 WR & NR Instr's w/o Root Cause ID'd

ESC
Ent.

- (28) MGMT CONSISTENCY!

- CIV
- H₂ Anal
- Snubber Mods
- ESFAS Ret'y

McCoy - Speed
Emphasized on
Not Verified Info
Good Sp. it !!!

By M&D -
Time Upset
Never heard such
a comment at an
event before!
Total Responsiveness
Total Honesty

Great
Concern

Over stressed the
Openness & Responsiveness
to the Team

(12) CCW Surveillance (^{473A}~~473~~) - TBD

Agree

(13) Electrical Separation (^{Defic} 90-299)

More Info to Come From VEGP

Agree More De To Com

(14) ESFAS REPORTABILITY

No Improper RPTG

[VEGP DENIES THIS IS A CORPORATE PORN]

Agree

(15) 3.0.3. ACTIONS

Timing (GL 87/09)

McGoy Says They Do Take
GL 87/09 Initial AX
(Docum. not req'd)

They Don't
Like These
AX

GB - We can
safely S/D
in 1 hour

Pat MED -
Is the GL a Pgmt?
Unrec. K'rents
How long till
items are
fixed!!

Disagree

Part Time Disagreement on when
you have to start MWE ↓

VERY LITIGATIVE 000
000

(16) RCS FLOW CALIB (LER 90/15)

So Who

(17) PERSONNEL PERFORMANCE ACCTY

Agree to PC
No Δ Intende

(18) QC PRGM (All Personnel)
(Not Int'd)
(Pot for
Conflict of Interest)

Pat adds his
"moral" cmts.

DISAGREE

(19) TS INTERPRETATIONS

McGoy - is guidance
Take his Pgmt
with Real
ETL is a good
idea
Pat MED - The
Operators are
trained & required
to interpret the
TS's. It is
their job!!!

Basically
DISAGREE

(20) OJT (PEO Trng Inad
RWS Inapprop
Quas Not Met)

McGoy
Improvement Necess
It meets ACCRED STDS
but Abt GPCS there!
Will get there
in 2 Yrs.

Agree w/
Cmts

(21) LCO EXIT TIMES
Exited before Indep Verif

[WKNSS]

Agree

- ⑤ TS Interpretations
Opens Mgr Nde Order file ONLY
 No Multi-Discip Run
 No DOE CTL - No Cys to

- ⑥ OJT
 Qual Cds Not Done
 Bay Rush

QA ~ QC?

223
 223
 79
 525

EXIT MEETING 8/16/90 1400 E

- ① SRM Mode Change [POT VIOL] Alleg ↓ Agree
 ② CIV TS Entry Delayed [No 2C Card in] Alleg ↓ Agree
 ③ RHR OPER'Y [POT VIOL 671] Alleg ↓ Agree
 ④ FAYA [URI - Flex Hoses → Spring Down] Alleg ↓ Agree
 ⑤ EDG RELIABILITY (# STARTS) AIR) [POT VIOL TS 48113 672] Alleg ↓ Agree w/ Sign Comments
 NOT RPTG "NOI - REG FAILURES" PER CORR ATX FROM IR 87-57

!!! DO WE WANT A C.A.L. CLARIFICATION LETTER ???

- ⑥ EDG ROTY - BOTH TRANS (6/19) NO 50.72 YES 50.73 ALLEG + Agree
 CFC INOP (7/17/90)

- ⑦ ESFAS SEQ 303 322 3811B [CLARIF TO OPERS NEEDED] Agree

- ⑧ TCP BACKDATING [POT VIOL (Admin)] Alleg ↑ Agree

- ⑨ PRB INTIMIDATION (Chilling Effect) {Ext MCD Cmts Dy to Stand Up & be Heard} CMT- Agree

- ⑩ SNUBBER REPL @ NP Seismic Snubbers - SYST @ NP Ken # Load Snubbers - SYST OUT Do Things when They Rate can get the system other to detail CMTS

- ⑪ CMTMT INTEGRITY (363 ANAL) [POT VIOL 363] Comments/Confusion A Technical Issue Exists - DISAGREE

What is done other plants???

(They could be right!?)

CHRIS INITIAL **BRFG**Item
189Too much "hip shooting"
Always a moving target
Not Un-safe

Close to the line on TJs

Typically unconserv entry

① SRMs

Personnel Error + Human Factors on LCOSheet
(UTIL. Takes Acceptance)No Proven IntentALLEG TRUE
(NCV'd)

② CIV Surveillance

USS DN have suffic. info to ~~verify~~ ^{verify} SI Missed
∴ NO BASIS for ALLEG

③ RHR Pump Operability

Excessive Vibration & NSCW Leak
Eng. Basis was Adequate for the dtm
NO REAL CRIT PATH EFFECT
Oper Ax were adequate
NO DC WRITTEN

④ FAUA

SER Adequacy
consider the HOSES for - URI)
safety concerns

⑤ EDG Starts

Really 22/27 Successful Starts

Only 12 Success Sequential starts in this are
NO INTENT

LERs have Problems

AIR QUAL DECIS. OK

1st 1.1008 RV (37'R)

⑥ ~~CNTMT Fan Coolers~~
~~210 Operating~~ Rgt's
OK 1073 Only

⑦ SEQUENCER

Incorrect TS Use
* NO Cases where BSEQ Deeney @ Mocks 1-4

Need to Clarify Ax Reg'd
for Seq Outages

⑧ Back Dating TCP

TCP had been removed from the
procedure ~ Day 14

① PRB Intimidation

GIM intimidated 1 Person on 1 Occasion

② Smudgers Repl @ Power

NO PRA to JUSTIFY

No Interim Engr Eval

③ CNTMT INTEG (H₂ Anal)

They disagree (VIOL per TS 363)

No ERG Ref.

④ RCS Flow Calibration

No PRB w/out of Surr Instr's

Construction
Approvals

Greene

Greene is Moving!
(Nov/DEC ???)

~~Straw~~
Hollyfield

Rut/Courier w/o fence

Phase II - Wants to add a Car Port to House

"NO FRONT ENTRY CAR PORTS"

"ALL FRONT ENT GARAGES SHALL HAVE DOORS"

AUG 13 '90

0930

Luis Intro's

Chris Briefs Technical Issues, ref's Intro's rest of wk

- | | |
|-----------------------------|-------------------------------|
| (A) EDG Start #1's (CAL | (F) ESFAS - CREFS |
| (B) SRM Mode Change | (G) FAUA |
| (C) CIV Surveillance Missed | (H) SNUGGER OUTAGES |
| (D) RHR OPERABILITY | (I) CNTMT INTEGRITY (H2 ANAL) |
| (E) TCP BACKRATE | (J) RCS FLUX INSTR. CALIB. |

(K) PERS. ACCTY IN EVALS

(L) TS 3.0.3 IMPLEMENTATION

(M) ESFAS RPT Y (Cindy Tully)

(N) PRB MBRSHIP (QC & NBAC covered by ETS-Mgr)

(O) TS INTERPRETATIONS (CTL & TECH CONTENT)

(P) O'TIME & BACKSHIFT PERF & TRAINING QUALS

(Q) ELECTRICAL SEPARATION - FIRE ZONE 20

Luis Specifies Interview Process

Transcription + OI Assistance + Sworn Testimony

McCoy queries w/ COUNSEL and their presence

queries concerning technical positions & facts,
who about what - NO - will reschedule to kill in a day

POC given
for each
item.
Emphasize
site staff's
helpfulness
& coop.

WEEK 3
They will push
more
now's

11 AUG 90

Confidentiality is given to an individual,
not to an issue

MONDAY - We open up the can of worms
Luis will be there

- (1) Present the issues
- (2) Get their contacts
- (3) Go for it

I) FAVA

Initially Niobium, the Co-58

Questions on PVC use

They assumed H_2O from spraydown would return
B radwaste, as opposed to retention pond.
The radwaste \rightarrow river \rightarrow dilution by 0.1
Retention Pond is unmonitored and gets
no dilution factor

The problem now is a newly developed
technical issue, not the initial
item (

Ron anticipates reticence from SCS
and maybe Paul Gwynn (SONOPCO)

(2) RHR OPER'Y

- (a) NSCW Break → degraded pump characteristics but questionable OPER dtm
- (b) No Engr Basis wrt vibration

NO DATA AT THAT TIME

NO TRUE BASIS NOT TO ENTER TS LCO

- Need to ID what the Annunciator Response Procedure says wrt "N. Viber's"
- Need to ID who was involved in the decision making process
- N

(3) SNUBBER REDUCTION

(No Violation Philosophy Wrt)

- (a) UTILITY SAYS 72 HRS ID/ENGRG EVAL TIME
+ 72 HRS SYST LCO TIME

TS BRANCH SAYS for Snubber Work (Sched)
you only get the 72 Hr SYSTEM LCO
(You should have already done Engrg Eval)

- (b) Only Snubber Work Outages is not encouraged by TS Branch (even to the point of needing a TS Wvr of Compl)

GPC SAYS This is "Good Bundle"
Keeps them from having to do
an Engrg Eval for the "small interim period"

③.

4 ESFAS SEQUENCER

w/ LOCA = Sequencer

w/ LOCA + LOAD = Load Shed + Sequencer

SEQUENCER has MT Sensors (4)

TS \Rightarrow Guidance on

$\frac{4}{4}$
 $\frac{3}{4}$
 $\frac{2}{4}$ } AM

$\frac{1}{4}$
 $\frac{0}{4}$ } No Guidance

$\therefore 3.0.3 - \text{Eng'r}$
EDG TS (72 Hrs) - pns

Eng'r's Won - 3.0.3

What about the past?

2 Cases (4/87 & 6/87) - Data Missing

\therefore NO OCCURRENCES IDENTIFIED

2 More People to talk to

ALLEG SUBSTANTIATED - BUT NO OI NEEDED

5 BACK-DATING TCP (Station A in)

Implement/Void TCP w/in 14 Days (after PRB Mtg)

Done @ day 17 & back dated [NUREG-1022 specifically excludes this as Ret'n]

Confirmed - but WHY

NEED OI \rightarrow CONFRONT AS TO WHY !!!

6 EDG STARTS

- a) Verbal Presn to NRC (RII Ofcs)
 - b) Written Presn to NRC
- CAL
LER

APG-2	SV TC
BDG-4	SV Va TCS

PETE RYWD LOGS

No way to arrive at their numbers

Verbal There were problems & failures w/in the testing period.

CAL
LER #'s updated, but still not correct

DELAY IN FIXING LER (RII) not really a big issue

AIR QUALITY - ALLEG NOT CONFIRMED

• RPT'Y OF DG INOP

Checked to see if ^A2/G Inop overlapped an INOP on B 2/G

Yes, but 3 yrs Old

∴ 50.73 - yes 50.72 - No

LER was
timely issued

ALLEG NOT CONFIRMED

NEEDS IT

(5)

7 CIVS

H₂ ANALYZER ISOL VALVES ARE
part of CNTMT ISOL - Not ILRTS

When Confronted - JS

(1) Part of CNTMT - ↓ Per FSAR
+ Opened Open Per TS Integ of Util

(2) Have been LRT'd ↓

(3) Auto Isolatable ↓

SURV PROC big-jobbed them

Swartzwelder "y times defense

Tried to fall back on RCP Seal H₂O ULVs are
kept open

(SER Specifically Exempts RCP Seals)

EITHER VIOLATES

(a) CNTMT TS

(b) ILRT TS (App J)

MINIMAL

SAFETY

SIGNIFICANCE

After we ID'd Problem, they completed test on U1
I started test on U2. A Shift Supv finally
got too antsy to take the heat.

Per SOP "The H₂ MON ISOL VALVES MUST REMAIN
CLOSED EXCEPT DURING SYSTEM OPN
OR CNTMT INTEG WILL BE LOST"

** I&C/MAINT PROC - DN Rev an Interdisciplinary
review (allowed by TS)

* GEN ISSUE - NO GUIDANCE TO PUT H₂ ANAL ON-LINE IN 30 MIN
This is a TMI Axiom - NOT IN FRC

They do a Type B
Test on H₂ system
every 2 years

8 SRM's - Mode 5/6 Change

~~The Summary~~ 1 SRM was INSUPERABLE

Q - WAS THE SRM INOP KNOWN TO THE ONCOMING CREW?

HUMAN Factors on the Info LCO were poor
Maybe it was an honest mistake

WE NEED TO CHECK THE "MODE CHANGE PROC"
& the C/L therein

"NO SPECIFIC SRM C/L ITEM"

INTVW THE TWO OPERATORS + JS

OI

9 CIV Surveillances

Delayed entry into LCO to preclude
an LCO (AHR) and 50.72 Rpt.

Proc refs to 2 Vlv's in PURPOSE

39 Valves in Attachment - 37 were "N/A'd"

New Shift checked Prev. Shift rcds.

"~~Info~~ Found Discrep - WHY DID HE DO THIS??"

Used "INFO ONLY" File to Check Last SI

Slowly Check Status - Had WORK PLANNING verify

VERIFIED All Vlv's Closed BEFORE IT CAME BACK!!!

∴ NO PRBLM

NEED OI to check 3 OPERATORS

(.) Why Rcds Checked (.) WHAT DID THEY KNOW!

(.) Why 2d SI Perf'd

(.) Why Delay's

NEW ISSUES

(A) Personal Accountability

- Personnel Safety (Accidents)
- Reg Compliance
ESFAS Act.
Rx Trips
- MWO Turn Away
- Special Project
- IDPs
- Qualifications

Δ BTWN Hi & Lo
could be \$8K

"PAY FOR
PERFORMANCE"

(B) RCS Flow Balance. Cal Rehm
Are "CMPTR PTS RPT'L"
JS says NO!

(C) TS 3.0.3 ENTRY

1 + 6 + 30

Since they can 2/0 in 3 hrs, add 1 for stop
 \therefore START @ T+3 (HR 4)

** BREAK OUT THE GEN LTR ON THIS ISSUE "

ex. 4/23/90 - Into 3.0.3 for 3 Hrs
No Logged Entry of any Prep Actio's (eg LD Notif.)

(d) ESFAS RPT'Y
CINDY TULLY Item

(e) PRB MBRSHIP

OANS MAINT HP Nuc Comp EATS

Since Nuc Comp & reports to MGR, EATS
they are excused from voting - IS THIS OK ??

(f) Thermal Power Lin Y Exceeded (eg of AUFDENKAMPE Conservation)
AdK took calc's to 5 significant digits $\rightarrow 3411.1 \text{ MWt} \therefore \text{RPT'L}$

g) TS Interpretations

OPNS MGR APPR'L ONLY

No "Approval"

No Document Control Functions (TofC, #d, etc)

A Couple are Questionable

Most other places have a "Review" reqmt

h)

OJT - Performance & Document dev

PEO's performance in the field

Have they "made the rounds"

w/qualified ops



(1) Some Qual Card Sig's Missing

(2) "Crash" qual prgm - cut corners -
Supposed to stand the watch (UI)

PRESSURE FROM MGMT - WE NEED PEOPLE

e.g. During Wido PEO Ads

• 2nd Time as AUX BLOG PEO
got a walk down

• 1st Time as AUX BLOG PEO
no previous experience

PEO pushed away To/L
he found - (could have
caused a tripped breaker
to re-close)

HVY O'TIME

~~SS~~SSs have light times w/ the plant
Facility pursuing

Electrical Separation I/E & Non I/E Components

Fire Zone → 4 Train Components
B Train is a D/G loss when the OPB doesn't open before cycling

2/1
Aufdenkampe

- PREFER TO NOT REPORT REPORTABLES AS OPPOSED TO INADVERTENTLY REPORTING AND HAVING TO RETRACT A REPORT

OI INTERVIEWEES (TH, TH II)

- ② FAVA - ~~John~~ Gwynn (SCS)
- ④ RHR - Jim Swartzwelder (Open Call) ✓
Harvey Handinger (Open Orders)
Mick Horton (Open Orders)
- ESFAS - Nobody (at this time)
- ③ TCP - Johnny Cash (Why back-date done) ✓
d d Carolyn Tynen (Why DC Written) ??
- ① EDG STARTS - G Backhold ✓
J. Cash ✓
- EDG RETV - Nobody
- ② SRMs - Dudley Carter
Bill Diehl
Jim Swartzwelder ✓
- ③ CIP - Ernie Thornton
Steve Walchur
David Woodfin (S.R.P)
- TENG QUALS - d d d ???
...

SUMMARY OF ADDITIONAL ALLEGATIONS FROM CONFIDENTIAL SOURCE
VOGTLE ELECTRIC GENERATING PLANT
GEORGIA POWER COMPANY

1. The first information provided by the CS addressed the manner by which GPC "counted" the diesel generator starts reported in their presentation and letter to Region II (to allow restart from the Confirmation of Action letter) and in the LER submitted to the Commission. It specifies the CS's logic for alleging intentional deceit on the part of GPC in their reporting of this information. (The first part of the handout is a repeat of previously submitted information to the Region - the new information is highlighted by a bar in the right hand margin.)

2. The second item presented by the CS alleges that the plant improperly applied the Technical Specifications during a recent occurrence when the Load Sequencer's were out of service. It is alleged that a 3.0.3 "Motherhood" condition existed (1 Hour Shutdown) instead of the 72 Hour LCD imposed by specification 3.3.2. The CS refers to a continuing disagreement between the Plant Support staff and the Operations staff concerning this issue. It is also alluded that the basis for this interpretation is to minimize the notifications to the NRC of Unusual Event conditions.

3. The final issue concerns a Temporary Change to Procedure 18028-C. By procedure, such changes must reviewed by the PRB and either implemented or voided within 14 days. The CS alleges that, in this case, it was 17 days until the temporary change was voided and that the signatures and references to this fact were back-dated to reflect completion by day 14. It is also alleged that this action was intentional and conducted at the lower/middle levels of Vogtle management, causing a concern in the CS's mind as to the "true depth" of the problem at the site.

*From Reyes
Notes
Item 188*

NOTICE - THIS DOCUMENT
CONTAINS INFORMATION WHICH
WOULD REVEAL THE IDENTITY
OF A CONFIDENTIAL SOURCE

B/36

CONCERNS OF CONFIDENTIAL ALLEGER - PLANT VOGTLE

ITEM	STATUS	SOURCE
1. H2O2 addition into the primary coolant system in violation of the Technical Specifications	OI (1/19/90)	Anonymous Letter (CS #1)
a. PORV Surveillance		
b. S/G Blowdown Surveillance		
c. E-bar Surveillance		
d. FAVA Filtration System		
e. SDM Calculations		
f. Missing Fire Penetration Seals		
2. Emergency Diesel Generator Starts	CAL Release (4/9/90)	CS #2 CS #3
a. How counted		
b. MFS - CAL Response		
c. LER Update process		
3. Emergency Diesel Generator Air Quality	CAL Release (4/9/90)	CS #2
4. CIV Surveillance	OI (6/29/90)	CS #2
5. SRM Inoperability - Mode shift	OI (6/29/90)	CS #2
6. RHR Operability	OI (6/29/90)	CS #2
a. Vibrational requirements		
b. NSCW requirements		
7. CREFS Waiver of Compliance	ARC (7/15/90)	CS #3
a. Appropriateness of TS		
b. Plant Support/Operations "Battle"		
8. TCF 18028-C-7-90-1; Backdating of Signatures	ARC (7/15/90)	CS #3

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