



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PDR
LADR

November 10, 1983

Lynne Bernabei, Esq.
Government Accountability Project
1901 Q Street, N.W.
Washington, DC 20009

Subject: FOIA APPEAL CONCERNING PALO VERDE INVESTIGATION
(FOIA-83-161)(83-A-9)

Dear Ms. Bernabei:

The NRC has completed action on the Government Accountability Project (GAP)'s appeal dated May 13, 1983 concerning a March 29 request under the Freedom of Information Act for all records related to or generated by NRC employees in the investigation of certain allegations at the Palo Verde facility. We regret the delay. As you were informed by Ms. Nordlinger of the NRC Office of the General Counsel on July 8, the Office of Investigations (OI) identified a large number of documents to be reviewed at the same time it was completing its investigation. OI was of the view that when the nearly completed OI work was forwarded, most if not all of the documents, on a list enclosed in a July 19 letter to you, could be released. The OI investigation was extended, in part, as a response to GAP's concerns, and is now complete. Accordingly, the NRC grants your appeal for most OI documents subject to your request but denies your appeal for documents and portions of them as indicated below and for three documents withheld from GAP in the initial response.

With regard to OI documents, one tape and substantial portions of ten other tapes and of twenty-one documents are being withheld under Exemption 7A so as not to interfere with the possible referral of part of the investigation by OI to the Justice Department. 5 U.S.C. 552(b)(7)(A), 10 CFR 9.5(a)(7). Disclosure of such sensitive information might compromise the ability or willingness of the Department to undertake its own further investigation. Moreover, at this point the public interest favors further investigation and not disclosure. The vast majority of the other investigative documents subject to your request are being released. The exceptions are noted as follows.

These records include portions of twenty-one documents from which names and personal identifiers have been deleted and two entire tapes under Exemption 7D, because the source was promised confidentiality. 5 U.S.C. 552(b)(7)(D), 10 CFR 9.5(a)(7). Release of the identities could curtail OI's investigative work by showing that the NRC was unwilling to back its promises. Portions of three documents were withheld to protect names and personal identifiers of persons at Palo Verde alleged to have used controlled substances. In view of the fact that these charges were

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not proved, the NRC is withholding this information under Exemption 7(C) as information that, if disclosed, would infringe personal privacy. 5 U.S.C. 552(b)(7)(C), 10 CFR 9.5(a)(7). In a limited number of instances, portions of fourteen documents and one tape have been deleted to prevent the identities of persons alleged to have been overexposed from being disclosed. The information is routinely withheld by the NRC. 5 U.S.C. 552 (b)(6), (7)(C), 10 CFR 9.5(a)(6)(i), (7). Nine documents, part of a contractor employee's personnel file, and one document, a salary chart, are also being withheld in their entirety under Exemptions 6 and 7(C). The disclosure of the above information would tend to embarrass these individuals and subject them to public scrutiny on matters where there is no countervailing public interest.

The applicable exemption(s) is clearly noted in the documents where a deletion was made. Where Exemption 7D is invoked it is because those individuals became witnesses under a promise of confidentiality and their continued involvement in the investigation is important to its satisfactory completion. Where Exemption 7C is invoked, it will be clear from the context that the information was deleted to avoid an invasion of personal privacy through an allegation of wrongdoing, such as use of a controlled substance. Where Exemptions 6 and 7(c), it will be clear that the information either about radiation exposure or personnel history. The documents from which information is deleted to a certain extent may have portions deleted for several reasons and all are listed in the Appendix to this letter, based on the list provided to you on July 19. All OI documents will be released to the Public Document Room the early part of next week. An appropriate Notice of Disclosure will be filed in the docket of GAP's pending lawsuit against NRC on this request.

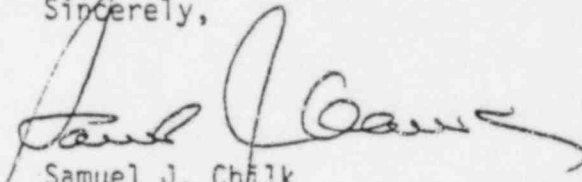
Finally, sixteen documents are being withheld for the time being under Exemption 4 because the owners of the documents have raised concerns that they contain confidential business information. The NRC technical staff and OI are studying the claims under the criteria in 10 CFR 2.790(b). At this time, the NRC believes that a colorable claim has been made and the agency is not able to disclose the documents in full. 5 U.S.C. 552(b)(4), 10 CFR 9.5(a)(4). When the NRC's action is completed, additional documents or portions of them may be released.

With regard to the three documents withheld in the NRC's initial partial response, the Commission believes that the three documents should be withheld under Exemption 5. The documents are a four page paper to the Commission from the Deputy General Counsel and the Director of the Office of Policy Evaluation (OPE), SECY-83-125, and two earlier undated drafts of the paper. In SECY-83-125, OGC and OPE weigh and evaluate the advantages and disadvantages of alternative ways in which the Commission might approach an immediate effectiveness decision for Palo Verde, culminating in a recommendation for Commission action. The two draft documents also contain the above information as well as the changes, deletions, additions, questions, and comments of the drafters and

reviewers that led to the final document. These documents contain the advice, opinions, and recommendations of two of the principal advisors to the Commission on a pending adjudication and disclosure would tend to undermine the frank exchange of views that the Commission must expect from its advisors. The documents are sensitive predecisional communications and will be withheld. 5 U.S.C. 552(b)(5), 10 CFR 9.5(a)(5). However, a portion of a transcript of a March 15 Commission meeting has been found relevant to your request and is being released.

This constitutes final action on your appeal. Notwithstanding your pending lawsuit, I am required by law to inform you of your right to file suit against the NRC with regard to the partial denial of this request. 5 U.S.C. 552(a)(6)(ii). Given the nature of the withholding in this case and the sensitivity of the information to further prosecution and the rights of the individuals involved, the Commission requests GAP to reconsider whether litigation regarding this FOIA request is appropriate.

Sincerely,



Samuel J. Chalk
Secretary for the Commission

Appendix enclosed

1. Memo of Owen C. SHACKLETON Jr., Director, OI:RV, to Roger FORTUNA, Acting Deputy Director, OI:HQ, forwarding serials 1-43 of Palo Verde Case No. 5-82-011, dated January 18, 1983 (FOIA Request 82-583)

2. Summary notes of SHACKLETON listing serials given to Lou VORDERBRUEGGEN, NRC Resident Inspector, dated March 25, 1983

3. Memo of Owen C. SHACKLETON Jr., Director, OI:RV, to D. M. STERNBERG, Region V, captioned Palo Verde - Allegations Re: Electrical and Other Construction Items Made by an Anonymous Allegor (Bechtel Senior Electrical Engineer), dated March 18, 1983

- ~~4. Memo of Owen C. SHACKLETON Jr., Director, OI:RV, to Lee S. DEWEY, ELD, captioned Palo Verde Nuclear Generating Station (PVNGS) - Allegations of Current Concern to the ASLB in OI Investigations: 5-82-006, 5-82-009 and 5-82-011, dated March 29, 1983~~ (duplicate of document #45)

5. Notes of Owen C. SHACKLETON Jr. on California DMV check on Anthony W. LAINE, dated April 18, 1983

* Documents marked with an asterisk are either being withheld in part or in their entirety.

6. Notes of Jim ECKHARDT, Region V, for his telecon with Lynne BERNABEI, Attorney for Patricia Lee HOURIHAN, dated May 19 and May 21, 1982
7. Notes of Owen C. SHACKLETON Jr. on telecon with Jim CUMMINGS, Director, OIA, on reported threat against the alleged's life, dated May 24, 1982
8. Notes of Owen C. SHACKLETON Jr. on meeting with Tom W. BISHOP, Region V, re. new contentions filed by the intervenor with the ASLB, dated May 25, 1982
- * 9. Notes of Owen C. SHACKLETON Jr. on telecon with the alleged, Robert D. GUNDERSON Jr., dated May 26, 1982
10. Notes of Owen C. SHACKLETON Jr. on second telecon with the alleged, Robert D. GUNDERSON Jr., dated May 26, 1982
- * 11. Memo of Owen C. SHACKLETON Jr., Region V, to Tom BISHOP, Region V, captioned Palo Verde - Allegations re: Electrical Construction Received from an Anonymous Source on May 25, 1982, dated May 27, 1982
12. Memo of Owen C. SHACKLETON Jr., Region V, to Tom BISHOP, Region V, captioned Palo Verde - Electrical Construction Received from a Confidential Source on May 26, 1982, dated May 27, 1982
13. NRC Document received by Region V May 26, 1982 captioned Intervenor's Motion to ASLB for Leave to File New Contentions and for an Independent Investigation

7(A)

7(D)

14. Notes of Owen C. SHACKLETON Jr. on initial briefing concerning allegations on electrical installations, dated May 24, 1982
15. Notes of Owen C. SHACKLETON Jr. on telecon with Jim CUMMINGS, Director, OIA, and briefing of CREWS and BISHOP, dated May 24, 1982
16. Memo of William J. DIRCKS, EDO, to Thomas G. WOODS Jr., APS, re. allegations of of improper electrical work at PVNGS, dated May 26, 1982
17. Affidavit of Robert D. GUNDERSON Jr. before the ASLB, dated May 17, 1982
18. Sketch of Owen C. SHACKLETON Jr. illustrating location of GUNDERSON's home, dated June 1, 1982
- * 19. Notes of Owen C. SHACKLETON Jr. on interview of Robert D. GUNDERSON Jr., dated June 1, 1982 6, 7 (C & D)
7(A)
20. Notes of Owen C. SHACKLETON Jr. on attempts to locate and interview Kevin BROYHILL, dated June 13 and June 14, 1982
21. Resume of Robert D. GUNDERSON Jr., undated
- * 22. Signed sworn statement of Robert D. GUNDERSON Jr., dated June 1, 1982 6, 7 (C&D)
23. Notes of Owen C. SHACKLETON Jr. on attempt to locate Kevin BROYHILL, dated June 3, 1982
24. Memo of Owen C. SHACKLETON Jr. to Robert D. GUNDERSON Jr. forwarding copy of signed sworn statement, dated June 9, 1982

- 25. Memo of Charles F. TEDFORD, Director, Arizona Radiation Regulatory Agency, to L. E. VORDERBRUEGGEN, NRC Resident Inspector, captioned Memorandum for the Record Related to Anonymous Telephone Caller Reporting Defective High Pressure System Injection (HPSI) and Low Pressure System Injection (LPSI) at Palo Verde Nuclear Power Plant, dated March 26, 1982

- 26. Memo of Lynne BERNABEI, Attorney for Patricia Lee HOURIHAN, to Nunzio PALLADINO, Chairman, NRC, re. new contentions submitted to ASLB and request for independent investigation, dated May 24, 1982

- * 27. PVNGS QC Procedure No. 255.0 captioned Cable Terminations, dated April 2, 1982 4

- * 28. PVNGS QC Procedure No. 255.0, Revision 10, PCN No. 27, captioned Cable Terminations 4

- * 29. PVNGS QC Procedure No. 255.0, Revision 10, PCN No. 28, captioned Cable Terminations 4

- * 30. PVNGS QC Procedure No. 255.0, Revision 10, PCN No. 29, captioned Cable Terminations 4

- 31. Memo of Owen C. SHACKLETON Jr., Acting Director, OI:RV, to Desk Officer, OI:HQ, captioned Palo Verde - Allegations Re: Electrical and Other Items, dated July 22, 1982

- 32. Memo of Lee Scott DEWEY, Counsel for NRC Staff, to Robert M. LAZO Esq., Chairman, ASLB, re. report concerning the NRC investigation of allegations made by an unnamed electrical worker, dated July 29, 1982

33. Memo of Lee Scott DEWEY, Counsel for NRC Staff, to Robert M. LAZO Esq., Chairman, ASLB, re. preparation of investigative report, dated September 3, 1982
34. Investigations Status Report for Case 5-82-009
35. Postal check obtaining GUNDERSON's address in Craig, Colorado, dated March 8, 1983
36. Palo Verde Intervention Fund Press Release received br OI:RV March 8, 1983
37. Affidavits of Robert D. GUNDERSON Jr with allegations against PVNGS, dated May 17, 1982 and January 8, 1983
38. Affidavit of Wallace R. ROYCE with allegations against PVNGS, dated February 25, 1983
39. Region V Inspection Report of Gaston FLORELLI, NRC Resident Inspector, re. allegations made by Wallace R. ROYCE, dated December 27, 1982
40. Newspaper article from the Scottsdale (Arizona) Daily Progress identifying Robert D. GUNDERSON Jr., dated March 9, 1983
41. Notes of Owen C. SHACKLETON Jr. on postal check for Robert D. GUNDERSON's new address in Craig, Colorado, dated March 8, 1983
42. Newspaper article from the El Paso Times captioned "Palo Verde Foes Release Claims of Poor Inspection," dated February 27, 1983.

43. Newspaper article from the Albuquerque Journal captioned "Poor Work Claimed of Arizona Nuclear Plant," dated February 27, 1983
44. Memo of Billie GARDE, CAP, to Roger FORTUNA, OI:HQ, transmitting a copy of affidavits and supporting exhibits from the former workers at the Palo Verde nuclear plants, dated February 28, 1983.
- 45.* Memo of Owen C. SHACKLETON Jr., Director, OI:RV, to Lee S. DEWEY, ELD, captioned Palo Verde Nuclear Generating Station (PVNGS) - Allegations of Current Concern to the ASLB in OI Investigations: 5-82-006, 5-82-009 and 5-82-011, dated March 29, 1983 7(D)
46. Memo of Owen C. SHACKLETON Jr., Director, OI:RV, to D. M. STERNBERG, Region V, captioned Palo Verde Special Inspections/Investigations of Allegations made by Robert D. GUNDERSON Jr. (OI Case No. 5-82-009), dated March 29, 1983
47. Memo of Owen C. SHACKLETON Jr., Director, OI:RV, to D. M. STERNBERG, Region V, dated March 30, 1983, captioned PVNGS - Allegations of Robert D. GUNDERSON Jr. Listed in his Affidavit before the ASLB dated January 8, 1983
48. Memo of Owen C. SHACKLETON Jr., Director, OI:RV, to D. M. STERNBERG, Region V, captioned PVNGS - Allegations of Wallace R. ROYCE, dated March 30, 1983
49. Investigation Status Sheet for period January - March 1983

50. Investigation Status Sheet for period August - December 1982
51. Investigation Status Sheet for period August - October 1982
52. Investigation Status Sheet for period August - November 1982
53. Notes of Owen C. SHACKLETON Jr. on comparative allegation from the allegor as it appears in his affidavit to the ASLB dated May 17, 1982
54. Telephone bill of Robert D. GUNDERSON Jr. showing his call on March 25, 1982 to Las Vegas, Nevada
55. Notes of Owen C. SHACKLETON Jr. on telephone contact with DOE office in Las Vegas, Nevada, dated June 21, 1982
56. Notes of Owen C. SHACKLETON Jr. on comparative allegation from the allegor as it appears in his affidavit to the ASLB dated May 17, 1982
57. Notes of Jim ECKHARDT, Region V, responding to the allegation re. termination cards, undated
58. Notes of Owen C. SHACKLETON Jr. on review of 6,000 termination cards, undated

59. Notes of Owen C. SHAKLETON Jr. listing four electricians who requested copies of their transcripts, dated August 20, 1982
- * 60. Interview Report of (name and title withheld) at Palo Verde (tape recorded), dated June 11, 1982 7 (D), 7 (A)
- * 61. Interview Report of Vincent G. MALLEN, Lead QC, Level III, Electrical Instrumentation, dated June 15, 1982 7 (C)
- * 62. Interview Report of (name and title withheld) (tape recorded), dated June 16, 1982 7 (D)
- * 63. Interview Report of Cary WALLERSTEIN, Electrician (tape recorded), dated June 16, 1982 7 (A)
64. Interview Report of Philip A. SOLLAMI, Electrician (tape recorded), dated June 16, 1982
65. Interview Report of Forrest J. HALL, Electrician, (tape recorded), dated June 16, 1982
66. Sample of a termination card
67. Sample of a termination card
68. Sample of a termination card
69. Interview Report of Joseph H. CRANE, Foreman-Electrician (tape recorded), dated June 17, 1982
70. Interview Report of Kenneth H. SEGER, Electrician (tape recorded), dated June 17, 1982

71. Interview Report of Richard B. KEITH Jr., High Voltage Foreman, dated June 17, 1982
- * 72. Interview Report of Steven J. MOODY, Electrician (tape recorded), dated June 17, 1982 7(A)
- * 73. Interview Report of John Henry SCHUH, Electrician (tape recorded), dated June 17, 1982 7(A)
74. Interview Report of George A. KENNARD, Electrician (tape recorded), dated June 17, 1982
- * 75. Interview Report of Daniel J. MAST, Electrician (tape recorded), dated June 17, 1982 7(A)
- * 76. Interview Report of Philip A. AGUAYO, Electrician (tape recorded), dated June 17, 1982 7(A)
- * 77. Notes of Owen C. Shackleton Jr. on Review of Tapes dated 6/23/82 7(A)
- * 78. Interview Report of Charles D. LEGG, Electrician (tape recorded), dated June 28, 1982 7(A)
- * 79. Interview Report of Joe G. SANDOVAL, Electrician-Foreman (tape recorded), dated June 28, 1982 7(A)
- * 80. Interview Report of James B. SWEET, Electrician (tape recorded), dated June 28, 1982 7(A)
- * 81. Interview Report of Hector R. NUNEZ, General Foreman-Electrical (tape recorded), dated June 29, 1982 7(A)
- * 82. Notes of Owen C. SHACKLETON Jr. on review of tape of Hector R. NUNEZ, dated March 5, 1983 7(A)

83. Interview Report of Reginald E. JOHNSON, Superintendent-Electrical, dated June 29, 1982
84. Interview Report of Mike OSCOOD, dated June 30, 1982
- * 85. Draft transcript of interview of Joe G. SANDOVAL, dated June 28, 1982 7(A)
- * 86. Notes of Owen C. SHACKLETON Jr. on review of tape and transcript of Joe G. SANDOVAL, dated 3/6/83, 7(A)
- * 87. Schedule of persons interviewed re. allegation concerning falsification of termination cards, dated March 6, 1983 7(A&D)
- * 88. Rough draft of tape recorded interview of Hector R. NUNEZ of June 29, 1982 7(A)
- * 89. Notes of Owen C. SHACKLETON Jr. on journeyman wiremen who have been interviewed, undated 7(A&D)
- * 90. Notes of Owen C. SHACKLETON Jr. on questions and answers (notes) for interview of Hector R. NUNEZ, dated April 5, 1983 7(A)
91. Notes of Eugene J. POWER on questions for Hector R. NUNEZ interview, dated April 5, 1983
92. Notes of Owen C. SHACKLETON Jr. on comments of Hector R. NUNEZ re. his relationship with GUNDERSON, dated April 7, 1983
93. Notes of Owen C. SHACKLETON Jr. on comments of Hector R. NUNEZ on his encounter with GUNDERSON at a manhole over terminations, dated April 7, 1983

- * 94. Notes of Owen C. SHACKLETON Jr. on questions and answers from interview of Reggie JOHNSON, dated April 7, 1983 7(A)

- 95. Copy of termination card signed off by Robert D. GUNDERSON Jr. with "UP," dated November 13, 1981

- 96. Notes of Owen C. SHACKLETON Jr. on call to Pete BACI, OI Desk Officer, on permission to use a question and answer format for signed sworn statement from Hector R. NUNEZ, dated April 5, 1983

- 97. Notes of Owen C. SHACKLETON Jr. on comments of Reggie JOHNSON re. when terminations started and when the foreman's log book system started, dated April 8, 1983

- * 98. Bechtel Procedure Change Notice (PCN) No. 32 4

- * 99. Bechtel Procedure Change Notice (PCN) No. 33 captioned Clarifying Signature of TIRs 4

- 100. Notes of Owen C. SHACKLETON Jr. on comparative allegation from the allegor as it appears on his affidavit before the ASLB dated May 17, 1982

- 101. Notes of Owen C. SHACKLETON Jr. on interview of Michael N. OSGOOD, Foreman, dated June 15, 1982

- 102. ~~Notes of Owen C. SHACKLETON Jr. on interview of Vincent G. MALLIN, Lead QC, Level III, Electrical Installation, dated June 15, 1982~~ (duplicate of document #61)

103. Interview Report of Michael B. GOLDBERG, Senior Construction Engineer, dated June 28, 1982
- * 104. Notes of Owen C. SHACKLETON Jr. on notes of interview of Robert D. GUNDERSON Jr., dated July 19, 1982 7(C)
105. Notes of Owen C. SHACKLETON Jr. taken during walk-thru with GUNDERSON at PVNGS, dated October 23, 1982
106. Memo of Lou VORDERBRUEGGEN, NRC Resident Inspector, PVNGS, to Owen C. SHACKLETON Jr., forwarding page 3 of Spec. 13-EM-306
107. Spec. 13-EM-306, Installation Specification for Cable Splicing, Termination and Supports for the Cable Splicing, Termination and Supports for APS for Units 1, 2 and 3, Quality Class Q and R 4
108. Notes of Owen C. SHACKLETON Jr. on second interview of Michael N. OSGOOD, Foreman, dated March 8, 1983
109. Notes of Owen C. SHACKLETON Jr. on subject allegation, dated March 8, 1983
110. Notes of Owen C. SHACKLETON Jr. on subject allegation, dated March 9, 1983
111. Sample Cable Installation Card and Cable Inspection Record
112. Sample Cable Installation Card and Cable Inspection Record
113. Sample Cable Installation Card and Cable Inspection Record
114. Sample Cable Installation Card and Cable Inspection Record

- 115. PVNGS Nonconformance Report
No. EJ-1402, dated September 9, 1981
- 116. PVNGS Nonconformance Report
No. EJ-477, dated May 20, 1980
- 117. Notes of Owen C. SHACKLETON Jr. on
chronology of cable repair, dated
March 10, 1983
- 118. Unsigned sworn statement of Michael
N. OSGOOD, undated
- 119. Notes of Lou VORDERBRUEGGEN, NRC
Resident Inspector, concerning
start-up problems, dated June 16, 1982
- 120. Notes of Owen C. SHACKLETON Jr. on
start-up allegation on information
received from Larry SOUZA, QA
Engineer for APS, dated July 15,
1982
- * 121. Start-up Admin. Procedure for
Temporary Modification Controls,
dated December 17, 1981
- * 122. PVNGS Procedure No. 90CA-OZZ11,
PVNGS Manual, dated May 10, 1982
- 123. NCR No. EA 1937 for Cable
Determinations, dated March 19,
1982
- 124. NCR No. EA 1723 for Cable
Determinations, dated January 11,
1982
- 125. Notes of Owen C. SHACKLETON Jr. on
Start-up operations - source for
info., Bill McLANE, for electrical
workers, dated August 5, 1982

126. Notes of Owen C. SHACKLETON Jr. on interview of William E. CRAIG, Start-up QC Supervisor, APS, dated August 5, 1982
127. Notes of Owen C. SHACKLETON Jr. on comparative allegation from the allegor as it appeared in the affidavit to ASLB dated May 17, 1982
128. Notes of John ELIN, Region V, on improper insulation materials which were used on high voltage terminations on certain class of motors, undated
129. Telex from Bechtel re. Scotch 2200 Vinyl Mastic dated June 28, 1982
130. Notes of Owen C. SHACKLETON Jr. on comparative allegation from the allegor in his affidavit to the ASLB dated May 17, 1982
131. Nonconformance Report initiated by BROYHILL referring to improper lug installation, dated November 3, 1981
132. Note referring to NCR written by BROYHILL, dated July 14, 1982
133. Notes of Owen C. SHACKLETON Jr. re. info. sheet on AMP products from Andy ANDERSON, undated. 7/16/82

- 134. Memo of William M. EISTER, Production Manager, AMP Special Industries, to Owen C. SHACKLETON Jr., OI:RV, captioned AMP Terminal Markings, dated September 23, 1982
- 135. Region V Daily Report dated August 20, 1982 with info. on improperly crimped "amp" termination lugs on Unit 2, PVNGS
- 136. Notes of Owen C. SHACKLETON Jr. on telephone call from William M. EISTER, Production Manager, AMP Special Industries, dated September 23, 1982
- 137. Notes of John BURDOIN, Region V, to Owen C. SHACKLETON Jr. re. subject allegation received by OI:RV July 21, 1982
- 138. Notes of Owen C. SHACKLETON Jr. on comparative allegation from the allegor as it appeared in his affidavit to the ASLB dated May 17, 1982
- 139. Interview Report of Russell A. REHFELD, Electrical Quality Control Engineer, Level II, dated June 30, 1982
- 140. Interview Report of William R. BURDICK, QC Engineer, Level II, dated July 1, 1982
- * 141. QC Record of Merit Raises and PR Due Dates, dated July 14, 1982 6, 7(C)
- 142. List of Bechtel QC Engineers assigned to Instrumentation and Electrical, dated July 14, 1982

- 143. Interview Report of Robert C. RUFF Sr., Assistant Lead QC Electrical-Instrumentation, dated July 15, 1982
- 144. Interview Report of Robert C. RUFF Jr., Electrical Field Engineer, dated July 15, 1982
- 145. Interview Report of Clinton M. ANDERSON Jr., Construction Engineer Electrical, dated July 15, 1982
- 146. Notes of John BURDOIN, Region V, on subject allegation, received by OI:RV July 23, 1982
- 147. Notes of John ELIN, Region V, on specs. from Anaconda Copper on high potential testing of their cables, undated
- * 148. Bechtel Insulation Resistance and Hi-Pot Testing Procedure No. 256.0, Rev. 5, dated June 2, 1982 4
- * 149. PVNGS Insulation Resistance and Hi-Pot Testing - Appendix 256.0, undated 4
- 150. Notes of Owen C. SHACKLETON Jr. on info. provided by Steve PENICK on this allegation, dated July 15, 1982
- * 151. Procedure 13-AM-208 re. Moisture Seals for Electrical Cabinets, undated 4

- * 152. Electrical Cabinet Moisture Seal Schedule, undated 4
- * 153. Electrical Cabinet Moisture Seal Schedule, undated 4
- * 154. Electrical Cabinet Moisture Seal Schedule, undated 4
- * 155. APS Purchase Order No. 10407-13-EM-009, undated 4
- 156. Notes of Owen C. SHACKLETON Jr. on alleged's identification of two men who tried to patch the conduit, dated June 1, 1982
- 157. Interview Report of of Michael B. GOLDBERG, Senior Construction Engineer, dated June 28, 1982
- 158. Interview Report of Louis (NMN) WILLIAMS Jr., Engineer-Construction Release Organization, dated June 28, 1982
- 159. Interview Report of Robert J. LENTS, Electrician, dated July 1, 1982
- 160. Interview Report of Richard A. DEAKINS, QCI, Electrical, Level II, dated July 1, 1982
- 161. Notes of Owen C. SHACKLETON Jr. on info. developed on Mike AUSWALD, Robert J. LENTS aka "KINGFISH," Thurlow O. STUART, and Bill WILLIAMS, dated July 1, 1982
- 162. Notes of Owen C. SHACKLETON Jr. concerning payroll info on Thurlow O. STUART, dated July 1, 1982

163. Notes of Owen C. SHACKLETON Jr. on telephone contact with Concrete Coring Inc., Phoenix, Arizona, dated July 1, 1982
164. Notes of Owen C. SHACKLETON Jr. on telephone call to Harlan FREDERICKS, dated July 1, 1982
165. Notes of Owen C. SHACKLETON Jr. on telephone call to Bob RICH re. Mike AUSWELD, dated July 1, 1982
166. Interview Report of James Walter Michael OSWALD, Electrician, dated July 2, 1982
167. Interview Report of Jack E. VISE, General Foreman, Electrical, dated July 2, 1982
168. Interview Report of Norman J. DOEBLER, General Foreman, Electrical, dated July 2, 1982
169. Notes of Owen C. SHACKLETON Jr. on discussion with H. Paul BECKER, Group Leader, Civil Discipline, Bechtel, dated July 2, 1982
170. Notes of Owen C. SHACKLETON Jr. on info. from Jack E. VISE on Don HOLLY's telecon with FREDERICKS over Robert LENTS quitting on July 2, 1982, dated July 2, 1982
171. Notes of Owen C. SHACKLETON Jr. on address and telephone number for the International Brotherhood of Electrical Workers Local 640, dated July 2, 1982
172. Notes of Owen C. SHACKLETON Jr. on recontact with H. Paul BECKER, supra, serial 14, dated July 13, 1982

173. Cable Pulling Work Sheet with NCR attached, dated September 22, 1981
174. Cable Pulling Work Sheet with NCR attached, dated September 22, 1981
175. ~~Note of Owen C. SHACKLETON Jr. on~~ (duplicate of
~~interview of Robert D. GUNDERSON Jr.,~~ document #104)
~~dated July 19, 1982~~
176. NCR No. EC-1304 for cutting of conduit during core drilling, dated August 4, 1981
177. Notes of Owen C. SHACKLETON Jr. on telecon with local 640 concerning Coleman V. SMITH, dated August 2, 1982
178. Notes of Owen C. SHACKLETON Jr. on informant's change of location of damaged conduit, dated August 3, 1982
179. SHACKLETON's sketch of NE corners of warp around area of the Auxiliary Building, Unit 1, listing of six 4" conduit nos. coming out of the wall, and list of numbers of imbeds joined to the external conduits, dated August 3, 1982
180. Notes of Owen C. SHACKLETON Jr. on Coleman V. SMITH ("Buck" SMITH), GF-Electrical, Unit 1, dated August 3, 1982
181. Notes of Owen C. SHACKLETON Jr. on investigation into core drilling allegation, dated August 3, 1982
182. Notes of Owen C. SHACKLETON Jr. on review of Raceway Installation Cards, dated August 4, 1982
183. Notes of Owen C. SHACKLETON Jr. on review of Core Drilling Records for MSSS and Auxiliary Building, dated August 4, 1982

184. PVNGS - Request No. 1E-105, dated September 26, 1980
185. Notes of Owen C. SHACKLETON Jr. on sketches of NE area at wrap-around area of the Auxiliary Building, dated August 4, 1982
186. Notes of Owen C. SHACKLETON Jr. on comments of Dick HAMELIN, Field Engineer for Bechtel on MSSS Building, dated August 4, 1982
187. Notes of Owen C. SHACKLETON Jr. on additional comments made by HAMELIN, Field Engineer for Bechtel, dated August 4, 1982
188. Notes and records obtained by Lou VORDERBRUEGGEN, NRC Resident Inspector, on the concrete placement for the commonwall between Auxiliary Building and MSSS, Unit 1, dated August 4, 1982
189. Comments of Buck SMITH on his findings on Jerry STEWART (ph) and Bill WILLIAMS, dated August 4, 1982
190. Notes of Owen C. SHACKLETON Jr. on developing sources for STEWART and WILLIAMS, dated August 4, 1982
191. Memo to File 5-82-009 from Owen C. SHACKLETON Jr. captioned Review of Personnel Files to Identify and Locate Jerry STEWART and Bill WILLIAMS, dated August 5, 1982
192. Notes of Owen C. SHACKLETON Jr. on interview of Mark ALEXANDER, Assistant Lead Discipline Field Engineer, Bechtel, re. core drilling of Unit 1, dated August 4, 1982

193. Notes of Owen C. SHACKLETON Jr. on review of Race Way Installation Cards, dated August 3, 1982
194. Notes of Owen C. SHACKLETON Jr. on interview by telecon with Robert GUNDERSON re. core drilling and 20/20, dated August 25, 1982
195. Notes of Owen C. SHACKLETON Jr. on attempts to locate parties to the core drilling/damaged conduit allegation, dated August 26, 1982
196. Notes of Owen C. SHACKLETON Jr. on interview of Bill RODGERS, Welder/Electrician, dated August 26, 1982
- 197.. Diagram of Unit 1 showing area where core drilling took place, undated
198. Three photos taken of 100' elevation in the Wrap-Around area of Auxiliary Building at the NE corner, Bldg. 1, undated
199. Notes of Owen C. SHACKLETON Jr. on interview of Rodger B. RAMOS re. core drilling in Unit 1, dated August 5, 1982
200. Notes of Owen C. SHACKLETON Jr. taken during walk-thru with GUNDERSON at PVNGS, dated October 23, 1982
201. Notes of Owen C. SHACKLETON Jr. on inspection notes of Auxiliary Building, MSSS, Control Building - Unit 1 with Larry SOUZA, QA, APS, dated October 25, 1982
202. Notes of Owen C. SHACKLETON Jr. on comments of Paul BECKER, Group Lead, Civil Engineer, Bechtel, X2286 on his knowledge of core

- drilling into conduit in the Auxiliary Building with NCR example, dated October 25, 1982
203. Notes of Owen C. SHACKLETON Jr. on review of termination records for Hi-Voltage termination in termination boxes 1ENANZ440 and 1ENANZ450 with attachments (2), dated October 26, 1982
204. Memo to File 5-82-009 from Owen C. SHACKLETON Jr. captioned Physical Inspection of Two Suspected Conduits for Damage from Core Drilling, dated October 27, 1982
205. Memo to File 5-82-009 from Owen C. SHACKLETON Jr. re. results of interview of H. Paul BECKER, Group Leader, Civil Discipline, Bechtel, showing no core drilling was ever done through the subject wall, dated October 27, 1982
206. Memo to File 5-82-009 from Owen C. SHACKLETON Jr. captioned Documentation of Repair to Damaged Conduit, dated October 27, 1982 with attachments (13)
207. Printout identifying the conduit that was damaged by core drilling, dated October 27, 1982
208. Sketch of SHACKLETON showing subject conduit run, undated
209. Notes of Owen C. SHACKLETON Jr. on interview of Dale E. HORNER, Supt. Electrical, and Eilt T. ERDMANN, Journeyman Elec., dated October 27, 1982
210. Notes of Owen C. SHACKLETON Jr. on the actual examination by bore scope of the two conduits that were suspect, dated October 26, 1982

211. Interview Report of John T. HANZE, Level II QC Engineer, dated July 1, 1982
212. One photo of subject conduits in Wrap Around Building (Auxiliary Building) 100' Elevation, Unit 1, PVNGS, dated March 9, 1983
213. Bechtel Drawing No. 13-E-ZCC-015, Rev. 18, of the Main Steam Support Structure Conduit and Tray Plan at Elevation 81 ft. and 100 ft., dated March 10, 1983
214. Notes of Owen C. SHACKLETON Jr. on core drilling with list of leads to follow, dated March 9 and 10, 1983
215. Notes of John ELIN, Region V, on findings on the splicing of smaller cables to field run cables, undated
216. Notes of Owen C. SHACKLETON Jr. on comments of Jim ECKHARDT, Region V, that several 50.55(e) reports were submitted on the panels, dated May 27, 1982
217. Memo of W. G. BINGHAM, BPC, to W. J. STUBBLEFIELD, BPC, re: ANPP Job 10407 Electrical Separation in Main Control Board, dated March 23, 1982
218. Memo of K. KOPANS, Project Manager, Comsip Inc., to W. G. BINGHAM, Bechtel Power Corporation, re: Bechtel Deficiency Evaluation Report No. 81-53, Rev. 0 (Bechtel NCR Nos. 1668 and 1669), dated March 24, 1982

219. Memo of E. E. VAN BRUNT Jr., APS, to T. W. BISHOP, NRC RV, re. Final Report - DER 81-53, a 50.55(e) Reportable Condition Relating to Unit 1 Main Control Panel (JM-200) Violates Wiring Separation Requirements, dated May 24, 1982
220. Memo of E. E. VAN BRUNT Jr., APS, to T. W. BISHOP, NRC RV, captioned Time Extension for Report - DER 81-51 a 50.55(e) Potentially Reportable Deficiency Relating to Unit 1 Diesel Generator Control Cabinets Wiring not Separated Between Class 1E and Non-Class 1E, dated May 24, 1982
221. Memo of Charles F. Tedford to L. E. VORDERBRUEGGEN, NRC Resident Inspector, captioned Memorandum for the Record Related to Anonymous Telephone Caller Reporting Defective High Pressure System Injection (HPSI) and Low Pressure System Injection (LPSI) at Palo Verde Nuclear Power Plant, dated March 26, 1982
222. Memo of Leon E. BROWN, PVNGS, to Charles F. TEDFORD, APS, re. potential problems with the Unit 1 HPSI and LPSI pumps, dated April 14, 1982
223. Bechtel Deficiency Evaluation Report (10 CFR 50.55(e)) - Main Control Panel wiring is installed in violation of IEEE 384-1974, dated December 17, 1981

- 224. Notes of Owen C. SHACKLETON Jr. on comparative allegation from the allegor as it appeared in his affidavit to the ASLB dated May 17, 1982
- 225. Electrode Classifications from the American Welding Society, undated
- * 226. Notes of Owen C. SHACKLETON Jr. on discussion with Frank WENSLAWSKI, RV, on exposures of (names withheld), dated June 3, 1982 6,7(C), 7(D)
- * 227. Notes of Owen C. SHACKLETON Jr. on how to contact (names withheld) at NTS, dated June 9, 1982 6,7(C&D)
- * 228. Notes of Owen C. SHACKLETON Jr. on how to contact (names withheld) at NTS, dated June 9, 1982 6,7(C&D)
- * 229. Notes of Owen C. SHACKLETON Jr. on how to contact (names withheld) at NTS, dated June 9, 1982 6,7(C&D)
- * 230. Interview Report of (name withheld) at NTS, dated June 11, 1982 6,7(C&D)
- * 231. Memo of Owen C. SHACKLETON Jr., Region V, to (name withheld) transmitting documents borrowed from him re. his radiation exposure, dated June 25, 1982 6,7(C), 7(D)
- * 232. Notes on meeting with Frank A. WENSLAWSKI, Chief, Reactor Radiation Protection Section, 6,7(C), 7(D)

Harry S. NORTH, Radiation Specialist, and Owen C. SHACKLETON Jr., Senior Investigator, on appraisal of radiation exposure of (name withheld), dated June 25, 1982

233. Notes of Owen C. SHACKLETON Jr. on interview of Sus YOSHIMOTO, Foreman-Electrical, dated July 13, 1982

234. Interview Report of Raymond W. WOOD, Superintendent-Electrical, Bechtel, Unit 2, dated July 13, 1982

235. Notes of Owen C. SHACKLETON Jr. on meeting with Donald B. FASNACHI, Nuclear Construction Manager, APS, re. narcotics use on site, dated June 16, 1982

236. ~~Notes of Owen C. SHACKLETON Jr. on interview of Robert GUNDERSON, dated July 19, 1982.~~

(duplicate of document #104)

* 237. Notes of Owen C. SHACKLETON Jr. on informant's comments on dope usage at PVNGS to be given to Donald B. FASNACHT, Nuclear Construction Manager, APS, dated August 2, 1982.

7(C)

238. ~~Notes of Owen C. SHACKLETON Jr. on walk-thru with GUNDERSON of Unit 1 at PVNGS, dated October 23, 1982~~

(duplicate of document #200)

239. Notes of Owen C. SHACKLETON Jr. on Auxiliary Building, MSSS, Control Building, Unit 1, with Larry SOUZA, QA, APS, dated October 25, 1982
240. Notes of Owen C. SHACKLETON Jr. on subject allegation, dated March 8, 1983
241. Notes of Owen C. SHACKLETON Jr. on subject allegation, dated March 23, 1983
242. Five photographs of three conduits and their terminations at PVNGS, taken March 8, 1983
243. Notes of Owen C. SHACKLETON Jr. on comparative allegation from the allegor as it appeared in his affidavit to the ASLB dated May 17, 1982
244. Notes of Owen C. SHACKLETON Jr. on APS purchase order with Raychem Corporation, PO No. 10407-13-EM-106B, Revision 3, dated February 1, 1983 (purchase order attached), dated November 17, 1981)
245. Notes of Owen C. SHACKLETON Jr. on comparative allegation from the allegor as it appeared in his affidavit to the ASLB dated May 17, 1982

246. Intervenor's Motion For Leave To File New Contentions And For Independent Investigation, In The Matter Of Arizona Public Service dated May 26, 1982.
247. Construction Inspection Planning For Concrete Preplacement Job No. 10407 dated 12-4-79.
248. SECY-83-65, Subject: December 28, 1982 ASLB Initial Decision Related to Palo Verde Nuclear Generating Station, Units 1, 2 and 3.
249. Palo Verde Summary, undated.
250. Summary of OI Investigations, undated.
251. Handwritten notes ref: Original Electrical Contention.
252. Handwritten note ref: Palo Verde.
253. Memo for Samuel Chilk from William Dircks ref: Staff Requirements Discussion/possible Vote on Contested Issues in Palo Verde Full Power Proceeding, dated 3-29-83.
254. Memo for Samuel Chilk from Ben Hayes ref: Staff Requirements Discussion/Possible Vote on Contested Issues in Palo Verde Full Power Proceeding, 10:00 a.m., Tuesday, March 15, 1983, Commissioners' Conference Room, D.C. Office (Closed--EX. 10) dated 3-25-83.
255. Letter to Roger Fortuna from Billie Garde, Louis Clark, Lynn Bernabei, and Thomas Devine of GAP, dated 2-28-83.
256. Letter to Nunzio Palladino from T. Woods, Arizona Public Service Company, dated 5-11-82.

- 257. Rough notes of SHACKLETON made during the one telephone call by the anonymous alieger to SHACKLETON's residence on 5/25/82
- 258. SHACKLETON's Summary of Investigation setting forth information developed as of 6/23/82
- 259. SHACKLETON's Summary of Investigation setting forth information developed as of 6/25/82
- 260. SHACKLETON's notes on attempt to locate and interview Anothony W. LAINE
- 261. Postal check on Anthony W. LAINE in Phoenix, Arizona on 7/2/82
- 262. SHACKLETON's memo to Desk Officer on the case status

263. SHACKLETON's notes on investigation to locate and interview Anthony W. LAINE dated 8/23/82
264. SHACKLETON's notes on negative attempt to contact and locate Karen FRIEND by telephone on 8/23/82
265. SHACKLETON's notes dated 8/23/82 on covering logical leads in this case
266. SHACKLETON's notes of 8/24/82 on the concerns expressed by the alleged
267. SHACKLETON's investigative plan as of 8/24/82
268. SHACKLETON's notes on the interview of Jack T. BOMBARD on 8/24/82
269. SHACKLETON's notes on the interview of Ved ARORA on 8/24/82
270. SHACKLETON's notes on the interview of John S. HECK on 8/24/82
271. SHACKLETON's notes on attempting to identify an NCR on 8/24/82
272. SHACKLETON's notes on 8/24/82
273. Documentation of separation requirements for field cabling within enclosures received from Ved ARORA on 8/24/82
274. PVNGS Specification Change Notice 13-EM-306
275. Post Office check for Anthony W. LAINE
276. SHACKLETON's sketch of MCC units examined on 8/24/82
277. NCR No. E-C 1668 dated 12/16/81
278. NCR No. E-C 1669 dated 12/16/81

279. NCR No. E-C 1676 dated 12/16/81
280. Handwritten memo to file by SHACKLETON dated 8/25/82 on the examination of 2-E-NHN-M0317
281. Handwritten memo to file by SHACKLETON dated 8/25/82 on the review of the personnel file of Anthony W. LAINE
282. Handwritten memo to file by SHACKLETON dated 8/25/82 listing members of Bechtel management contacted re. the anonymous allegations
283. SHACKLETON's notes on the interview of Carl Leonard FISHMAN on 8/25/82
- * 284. Copy of Bechtel employment application for ** dated 9/20/81 6, 7(C)
- * 285. Copy of resume of ** 6, 7(C)
- * 286. Copy of certificate No. 4274 E from the Georgia State Association of Power Engineers, Inc. in the name of ** 6, 7(C)
- * 287. Copy of Georgia State Board of Electrical Contractors certificate for ** 6, 7(C)
- * 288. Copy of Bechtel worksheet completed by ** 6, 7(C)
- * 289. Copy of interoffice memo from John L. HANSEN to ** dated 3/12/82 6, 7(C)
- * 290. Copy of resignation to Bechtel by ** dated 4/29/82 6, 7(C)
- * 291. Copy of withdrawal from resignation by ** dated 5/25/82 6, 7(C)

** Denotes the name of a former Bechtel Co. employee

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- * 292. Copy of Bechtel request to the University of Minnesota dated 5/27/82 to verify the earning of a BE E.E. degree by ** 6, 7(C)
293. Copy of APS correspondence to NRC RV dated 5/24/82 concerning the Final Report - DER 81-53, A 50.55(e), Reportable Condition Relating to Unit 1, Main Control Panel (JM-200) Violates Wiring Separation Requirements
294. Copy of SHACKLETON's letter to Ms. Jill MORRISON dated 7/9/82
295. Investigation Status Report for the period of 8/17/82 through 10/1/82
296. Investigation Status Report for the period 8/17/82 through 11/1/82
297. SHACKLETON's memo to file dated 10/7/82 setting forth an investigative summary
298. Investigation Status Report sent to OI:HQ on 10/19/82
299. Investigation Status Report for the period 8/17/82 through 1/10/83

** Denotes the name of a former Bechtel Co. employee

	<u>Document Description</u>	<u>Date</u>
300.	Facsimile Transmittal Request of SHACKLETON to WARD transmitting Report of Inquiry 05-82-003 to OI:HQ	11/19/82
301.	Region V Allegation Data Form for ROYCE allegation(s)	undated
301A.	Region V Inspection Report No. 50-528/82-32 regarding inspection of ROYCE's allegation(s)	12/28/82
302.	Memorandum of NARBUT to STERNBERG et al re: Responsibility for Palo Verde Affidavits	3/23/83
303.	Handwritten memorandum of SHACKLETON to YOUNG re: Palo Verde Unit 1 - Allegations Re: Start-up Program by Wallace R. ROYCE	11/17/82

304. Report of Inquiry dated 11/18/82
305. SHACKLETON's notes on telephone conversation with Wallace R. ROYCE on 11/19/82
306. SHACKLETON's notes on telecon with Senior Reactor Inspector (Operations) at Palo Verde on 11/19/82
307. SHACKLETON's notes on meeting with Region V management on 11/19/82
308. DOL letter to Bechtel Corporation re: Wallace ROYCE vs. Bechtel Corporation dated 12/20/82
-
309. DOL Employment Information Form dated 11/21/82 with attachments: DOL letter to Bechtel Corporation Legal Department dated 11/23/82 and DOL letter to Wallace ROYCE dated 11/24/82

310. Memo of MORRISON (Palo Verde Intervention Fund) to GARDE (GAP) Re: Allegations at PVNGS, dated December 7, 1982
311. NARBUT (RV) memo to Distribution captioned Responsibility for Palo Verde Affidavits, dated March 23, 1983
312. Notes of SHACKLETON re: contact with J. J. CUMMINGS (OIA) concerning death threat on Robert D. GUNDERSON Jr., dated May 24, 1982
313. Notes of SHACKLETON re: information received from T. W. BISHOP (RV) on allegations received from Robert D. GUNDERSON Jr., dated May 25, 1982

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314. * Letter to (name withheld) from
the Arizona Radiation Regulatory
Agency (ARRA) dated May 4, 1982 6, 7(C&D)
315. * Letter of GEO Construction Testing
to (name withheld) dated April 26, 1982 6, 7(C&D)
316. Page 8.29-12 from the U.S. Nuclear
Regulatory Commission
Regulatory Guide 8.29
317. * Copy of signed statement by
(name withheld) dated January 22, 1982 6, 7(C&D)
318. * Copy of signed statement by P. Aguaro 6, 7(C&D)
319. * Copy of signed statement by (name
withheld) 6, 7(C&D)
320. Affidavit before the Atomic Safety
and Licensing Board of Wallace R. Royce
in the Matter of Arizona Public Service
Company dated Feb. 25, 1983 with
handwritten notations
321. Letter to Arizona Public Service Company from J. L. Crews,
Subject: Special NRC Inspection of Palo Verde Units 1, 2 and 3
dated 4-22-83. |
322. Letter to Arizona Public Service Company from D. M. Sternberg,
Subject: Special NRC Inspection of Palo Verde Units 1, 2 and 3
dated 4-25-83. |

TAPE RECORDED INTERVIEWS

	<u>Name</u>	<u>Job Title</u>	<u>Date of Interview</u>	<u>FOIA Exemption</u>
B23.	*AGUAYO, P.A.	Electrician	6/17/82	7(A)
B24.	ANDERSON, Clinton M., Jr.	Electrical Engineer	7/15/82	
B25.	BAKER, William M.	Journeyman Wireman	7/15/82	
B26.	BUNTING, James Terry		7/13/82	
B27.	BURDICK, William R.	QC Engineer	7/01/82	
B28.	CRANE, Joseph H.	Foreman Electrical	6/17/82	
B29.	DEAKINS, Richard A.	QC Engineer Level II- Electrical	7/01/82	
B30.	DOEBLER, Norman J.	General Foreman Electrical	7/02/82	
B31.	GOLDBERG, Michael B.	Sr. Construction Engineer	6/28/82	
B32.	*GUNDEPSON, Robert D., Jr.	Former Electrician at PVNGS	6/01/82	7(C) 7(D)
B33.	HALL, Forrest R.	Electrician	6/16/82	
B34.	HANZE, John T.	Level II QC Engineer	7/01/83	
B35.	KEITH, Richard B., Jr.	High Voltage Foreman	6/17/82	
B36.	*KENNARD, G.A.	Electrician	6/17/82	7(A)
B37.	*LEGG, C.D.	Electrician	6/17/82	7(A)
B38.	*MAST, D.J.	Electrician	6/17/82	7(A)
B39.	*MOODY, Steven J.	Electrician	6/17/82	7(A)

	<u>Name</u>	<u>Job Title</u>	<u>Date of Interview</u>	<u>FOIA Exemption</u>
40.	*NUNEZ, Hector R.	General Foreman Electrical	6/29/82	7 (A)
41.	OSWALD, James Walter Michael	Electrician	7/02/82	
42.	REHFELD, Russell A	Electrical QC Engineer	6/30/82	
43.	RUFF, Robert C., Jr.	Electrical Field Engineer	7/15/82	
44.	*SANDOVAL, Joe G.	Forman Electrical	6/28/82	7 (A)
45.	*SCHUH, John H.	Electrician	6/17/82	7 (A)
46.	SEGER, Kenneth H.	Electrician	6/17/82	
47.	SOLLAMI, Philip A.	Electrician	6/16/82	
48.	*SWEET, James B.	Electrician	6/28/82	7 (A)
49.	WISE, Jack E.	General Foreman Electrical Start-up	7/02/82	
50.	*WALLERSTEIN, Cary	Electrician	6/16/82	7 (A)
51.	WILLIAMS, Louis, Jr.	Termination Engineer	6/28/82	
52.	YOSHIMOTO, Sus	Foreman Electrical	7/13/82	
53.	*(withheld)	(withheld)	6/16/82	7 (D)
54.	*(withheld)	(withheld)	6/11/82	7 (D) 7 (A)

355. Memorandum for Desk Officer, OI:HQ (V-82-011)
from Owen C. Shackleton Jr., Acting Director,
OIRVFO, Subject: Palo Verde - Allegations from
an Anonymous Allegor Re: Electrical Installations
(dated July 22, 1982
356. Investigation Status Sheet of Owen C.
Shakleton, Subject: Palo Verde -
Anonymous Allegor Re Electrical (6/9/82)

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357. *Undated Six-page draft of 4/5/83 Memorandum to the Commissioners from James A. Fitzgerald, Assistant General Counsel and John E. Zerbe, Director, Office of Program Evaluation, Subject: "Palo Verde Immediate Effectiveness Decision". 5
358. *Undated Five-page draft of 4/5/83 Memorandum to the Commissioners from James A. Fitzgerald, Assistant General Counsel and John E. Zerbe, Director, Office of Program Evaluation, Subject: "Palo Verde Immediate Effectiveness Decision". 5
359. *4/5/83 Four-page Memorandum (SECY-83-125) to the Commissioners from Martin G. Malsch, Deputy General Counsel and John E. Zerbe, Director Office of Program Evaluation, Subject: "Palo Verde Immediate Effectiveness Decision and Review of ALAB-713". 5

60. Relevant Portions of NRC Commission Meeting
Transcript Re: Discussion/Possible Vote on
Contested Issues in Palo Verde Full Power
Proceeding (dated March 15, 1983)

The released portions are the following:
p. 2 (lines 21 - 25), p. 3 (lines 1 - 9),
p. 19 (lines 14 - 25), p. 20 - 40,
p. 41 (lines 1 - 22), p. 44 - 46, p. 47 (line 1)
and p. 55 (lines 3 - 10). Other portions
of the transcript deal with resolution of the
adjudication and are not relevant to the
investigation and are not within the scope
of the request.