

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

Docket Nos. STN ~~50-528~~
50-529
50-530

DATED at Phoenix, Arizona
this 25th day of August,
1975.

APPLICANTS' SUPPLEMENTARY ANSWERS
TO INTERVENOR ACEC'S
FIRST SET OF INTERROGATORIES

| <u>PAGE NUMBER</u> | <u>INTERROGATORY ANSWER</u> | <u>SUPPLEMENTARY ANSWER</u> |
|--------------------|-----------------------------|--|
| 151-180 | Answer 4(c)(i) | The 1968-1974 entries for Horse Mesa 1, 2 and 3; Horse Mesa 4; Mormon Flat 2; Mormon Flat 1; Roosevelt; and Stewart are provided by additional pages attached hereto and numbered respectively: 151(a), 152(a), 169(a), 170(a) 174(a) and 180(a) |
| 226 | Answer 65 | (i) R. J. McMullin (ii) General Manager, SRP (iii) Same as 19(a)(60)(iii) (iv) 273-5323 (v) Present and future needs for power and financial requirements to provide that power for Salt River Project |
| 226 | Answer 66 | (i) A. J. Pfister (ii) Associate General Manager, Power, SRP (iii) Same as 19(a)(60)(iii) (iv) 273-5773 (v) Same as 19(a)(60)(v) |
| 226 | Answer 67 | (i) F. M. Stern (ii) Vice President of Projects, CE (iii) 1000 Prospect Hill Road Windsor, Connecticut 06095 (iv) (203) 688-1911 (v) Design, construction, engineering |

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226

Answer 68

- (i) A. Stathoplos
- (ii) Director of Nuclear Safety Department, CE
- (iii) Same as 19(a)(67)(iii)
- (iv) Same as 19(a)(67)(iv)
- (v) Design, nuclear safety, construction

226

Answer 69

- (i) W. R. Corcoran
- (ii) Manager of Licensing, CE
- (iii) Same as 19(a)(67)(iii)
- (iv) Same as 19(a)(67)(iv)
- (v) Reactor licensing, quality assurance, design

226

Answer 70

- (i) C. Ferguson
- (ii) Project Manager, CE
- (iii) Same as 19(a)(67)(iii)
- (iv) Same as 19(a)(67)(iv)
- (v) Design and construction

226

Answer 71

- (i) H. M. Winterson
- (ii) Corporate Vice President, CE
- (iii) Same as 19(a)(67)(iii)
- (iv) Same as 19(a)(67)(iv)
- (v) Design and construction

226

Answer 72

- (i) J. M. West
- (ii) Operations Vice President - Nuclear Power Systems, CE
- (iii) Same as 19(a)(67)(iii)
- (iv) Same as 19(a)(67)(iv)
- (v) Design, construction, operations

226

Answer 73

- (i) M. R. Etheridge
- (ii) Vice President - General Services, CE
- (iii) Same as 19(a)(67)(iii)
- (iv) Same as 19(a)(67)(iv)
- (v) Design and construction

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| 226 | Answer 74 | <ul style="list-style-type: none"> (i) W. E. Abbott, CE (ii) Chief Engineer (iii) Same as 19(a)(67)(iii) (iv) Same as 19(a)(67)(iv) (v) Design and construction |
| 226 | Answer 75 | <ul style="list-style-type: none"> (i) C. W. Hoffman, CE (ii) Director, Group Quality Assurance (iii) Same as 19(a)(67)(iii) (iv) Same as 19(a)(67)(iv) (v) Design, construction and quality assurance |
| 226 | Answer 76 | <ul style="list-style-type: none"> (i) D. L. Broussard (ii) Vice President - Corporate Planning and Control, APS (iii) P. O. Box 21666 Phoenix, Arizona 85036 (iv) 271-7785 (v) Construction, engineering, finance, corporate planning |
| 226 | Answer 77 | <ul style="list-style-type: none"> (i) T. G. Woods, Jr. (ii) Vice President - Operations, APS (iii) Same as 19(a)(76)(iii) (iv) 271-2121 (v) Management, engineering, operations, nuclear services |
| 226 | Answer 78 | <ul style="list-style-type: none"> (i) H. Sargent, Jr. (ii) Vice President - Treasurer Financial Services, APS (iii) Same as 19(a)(76)(iii) (iv) 271-7653 (v) Finance, rates, marketing |

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Answer 79

- (i) L. K. Mundth
- (ii) Vice President - Power
Production and Operations, APS
- (iii) Same as 19(a)(76)(iii)
- (iv) 271-7057
- (v) Engineering, power production

226

Answer 80

- (i) K. Turley
- (ii) President and Chief
Executive Officer, APS
- (iii) Same as 19(a)(76)(iii)
- (iv) 271-7757
- (v) Operations, utility manage-
ment, finance, general
information on applicant APS

226

Answer 81

- (i) R. H. Hartley
- (ii) Manager, System Planning, APS
- (iii) Same as 19(a)(76)(iii)
- (iv) 271-2418
- (v) Engineering, power system
planning

226

Answer 82

- (i) B. P. Hart
- (ii) Manager, Rate Services, APS
- (iii) Same as 19(a)(76)(iii)
- (iv) 271-2253
- (v) Rates, economics, utility
management

226

Answer 83

- (i) E. E. Jochim
- (ii) Manager, Accounting Services, APS
- (iii) Same as 19(a)(76)(iii)
- (iv) 271-2446
- (v) Accounting

226

Answer 84

- (i) M. R. Llewellyn
- (ii) Executive Vice President -
Operations, APS
- (iii) Same as 19(a)(76)(iii)
- (iv) 271-7642
- (v) Operations, engineering

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| 226 | Answer 85 | (i) C. D. Jarman (ii) Manager, Engineering Services, APS (iii) Same as 19(a)(76)(iii) (iv) 271-7550 (v) Engineering |
| 226 | Answer 86 | (i) N. L. Cocanour (ii) Manager, Risk Management Services, APS (iii) Same as 19(a)(76)(iii) (iv) 271-2916 (v) Risk Management Services |
| 226 | Answer 87 | (i) R. E. Kary (ii) Environmental Management, APS (iii) Same as 19(a)(76)(iii) (iv) 271-2360 (v) Environmental |
| 226 | Answer 88 | (i) R. D. Hulse (ii) Vice President-Resources Planning, APS (iii) Same as 19(a)(76)(iii) (iv) 271-7868 (v) Alternate power sources, coal, gas and oil |
| 228 | Answer 65 | utility management, financing, engineering |
| 228 | Answer 66 | utility management and operations, engineering |
| 228 | Answer 67 | mechanical and nuclear engineering, nuclear design, management |

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|--------------------|-----------------------------|---|
| 228 | Answer 68. | chemical and nuclear engineering, nuclear design |
| 228 | Answer 69 | nuclear engineering, nuclear design and construction |
| 228 | Answer 70 | chemical engineering, nuclear design and construction |
| 228 | Answer 71 | industrial and nuclear engineer- ing, nuclear design and con- struction |
| 228 | Answer 72 | nuclear engineering, nuclear design and construction |
| 228 | Answer 73 | engineering, nuclear design and construction |
| 228 | Answer 74 | nuclear engineering, nuclear design and construction |
| 228 | Answer 75 | mechanical engineering, nuclear design and construction |
| 228 | Answer 76 | construction, engineering, finance |
| 228 | Answer 77 | utility management, engineering, operations, nuclear services |
| 228 | Answer 78 | finance, rates |

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| 228 | Answer 79 | mechanical engineering, operations |
| 228 | Answer 80 | utility financing and management, operations |
| 228 | Answer 81 | engineering, planning |
| 228 | Answer 82 | engineering, rates, utility management |
| 228 | Answer 83 | accounting |
| 228 | Answer 84 | operations, engineering, construction |
| 228 | Answer 85 | engineering |
| 228 | Answer 86 | finance, risk management services |
| 228 | Answer 87 | environmental management |
| 228 | Answer 88 | utility management, planning, environmental management |
| 251 | Answer 33(B) | (iv) Numerous publications in field of expertise relating to geologic considerations for nuclear power plant, characteristics of faults and earthquakes, and various aspects of engineering geologic techniques. Guest lecturer at several colleges and taught course on engineering geology at UCLA |

SUPPLEMENTARY ANSWER

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|--------------------|-----------------------------|--|
| | (B) | Combustion Engineering, Inc., 1956-present (a) Vice President-Projects, 1973-present. Responsible for all nuclear projects, nuclear services, licensing and nuclear safety (b) Manager, Calvert Cliffs Project, 1967- 1973 (c) Manager, Component Development, HWOCR Program Office, 1967. (d) Manager, Systems Engineering, HWOCR Program Office, 1965-1967 |
| 270 | Answer 68 (A) | B.S., Chemical Engineering Massachusetts Institute of Technology Attended Oak Ridge School of Reactor Technology (B) (i) Combustion Engineering, Inc. (a) Director, Nuclear Safety Depart- ment. Responsible for analytical and experimental efforts to estab- lish the safety of systems when subjected to anticipated transients as well as extreme accident situa- tions (b) Staff Engineer to Chief Scientist (ii) Nuclear Technology Corporation (a) Nuclear design and analysis (iii) United Nuclear Corporation (a) Nuclear design and analysis |
| 270 | Answer 69 (A) | B.S., U.S. Naval Academy, 1951 Ph.D., Nuclear Engineering Massachusetts Institute of Technology, 1971 (B) Combustion Engineering, Inc., 1970-present (a) Manager of Licensing for Nuclear Power Systems Division, 1973-present (b) Supervisor of physics operational control group, 1971-1973 (c) Consulting physicist in Pressing Water Reactor Physics Department, 1970-1971 |

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270

Answer 70 (A) B.S., Chemical Engineering
Northeastern University, 1958
M.B.A., Western New England College, 1972

- (B) (i) Combustion Engineering, Inc., 1966-present
- (a) Project Manager, Arizona Project, Nuclear Power Department, 1973-present. Represents Combustion Engineering in matters relating to contracts, licensing, design, fabrication, schedules, and erection of the nuclear steam supply system and associated fuel
 - (b) Assistant Project Manager, Flander Project, Nuclear Power Department, 1968-1973.
 - (c) Section supervisor of thermal-hydraulic testing in nuclear laboratory, 1967-1968
 - (d) Staff engineer in test section of nuclear laboratories, 1966-1967
- (ii) Pratt and Whitney Aircraft, 1958-1966
- (a) Assistant Project Engineer, Advanced Compressor Analytical Group and Reactor Components Group. Responsible for research test program investigating compressor sufficiency, and responsible also for design, analysis, and development of high temperature athium pump for space nuclear power plant

270

Answer 71 (A) B.A., Economics
Duke University, 1939
Industrial Engineering Studies at
Pennsylvania State University

- (B) (i) Combustion Engineering, Inc., 1965-Present
- (a) Member Board of Directors, 1968-present
 - (b) Corporate Vice President-Steam Generating Division, 1967-present. Responsible for Fossil Fuel and Nuclear Power Operations
 - (c) Executive Vice President-Lummus Company, 1965-1967

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- (ii) Blau - Knox Company, 1953-1964
 - (a) Executive Vice President, 1963-1965
 - (b) Vice President - Administration, 1960-1962
 - (c) Vice President - General Services, 1957-1959
 - (d) Vice President - Industrial Relations, 1953-1956

- (iii) Lukens Steel Company, 1940-1952
 - (a) Industrial engineering, industrial relations

270

Answer 72 (A) B.S., Physical Science and Mathematics
Northeastern Oklahoma State College, 1939
M.S., Physics
University of Iowa, 1941

- (B) (i) Combustion Engineering, Inc., 1965-present
 - (a) Operations Vice President-Nuclear Power Systems Division, Power Systems Group, 1974-present. Responsible for development, design, project management, and certain sales and manufacturing activities
 - (b) Vice President-Nuclear Power Department, 1969-1974
 - (c) Director, Nuclear Power Department, 1966-1969
 - (d) Assistant Director, Engineering Nuclear Division, 1965-1966
- (ii) General Nuclear Engineering Corporation, 1957-1965
 - (a) Executive Vice President, 1962-1965. Responsible for local management of GNEC, a subsidiary of Combustion Engineering, Inc.
 - (b) Vice President, 1957-1962.

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- (iii) Argonne National Laboratory, 1947-1957.
- (iv) DuPont Company, 1941-1949.
- 270 Answer 73 (A) B.S., U.S. Naval Academy, 1942
 M.S., University of California, 1952
 National War College, 1966
- (B) (i) Combustion Engineering, Inc., 1971-present
 (a) Vice President - General Services, 1974-present
 (b) Director of Quality Assurance Power Systems Group, 1974
 (c) Managing Director, International Combustion Ltd., 1972-1974
 (d) Nuclear Power Systems and Manufacturing Services, 1971-1972
- (ii) Retired as Captain, U.S. Navy, 1970
- 270 Answer 74 (A) B.S., Physics
 Massachusetts Institute of Technology, 1936
 Special Student - Massachusetts Institute of Technology, 1950
 Westinghouse Business Management and Management Policy Courses
 Pennsylvania State University
- (B) (i) Combustion Engineering, Inc., 1966-Present
 (a) Chief Engineer, Nuclear Power Systems Department, 1974-present
 (b) Director of PWR Engineering, Nuclear Power Department, 1966-1974
- (ii) Westinghouse Electric Corporation, 1956-1966
 (a) Manager, Reactor Development, Atomic Power Division
- (iii) North American Aviation, Inc., 1952-1956

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- (a) Group Leader, Engineering Analysis,
Atomics International Division.
- (iv) General Electric Co., 1951-1952
 - (a) Engineer, Knolls Atomic Power
Laboratory
- (v) Standard Oil Company of California,
1940-1950
 - (a) Project Engineer
- (vi) Fay, Spofford and Thorndike, Engineers,
1950-1951, 1946-1948
- (vii) U. S. Army Signal Corps, 1942-1946
- (viii) General Electric Co., 1936-1942

270 ·

Answer 75 (A) B.S., Mechanical Engineering
U. S. Merchant Marine Academy, 1949
Physical Metallurgy, University of
Connecticut
Nuclear Engineering and Nuclear Physics
course at Massachusetts Institute of
Technology

- (B) Combustion Engineering, Inc., 1957-present
- (a) Director, Group Quality Assurance, 1974-present
 - (b) Manager, Quality Assurance - Construction Services Group, 1974
 - (c) Manager, Technical Support and Quality Assurance, 1967-1974
 - (d) Erection Specialist, 1966-1967
 - (e) CE-SIC Project - Manager, 1962-1966

270

Answer 76 (A) B.S., Civil Engineering
Texas A & M, 1943

- (B) (i) Arizona Public Service Co., 1974-present
(a) Vice President - Corporate Planning and Control, 1974-present

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- (ii) Utah Power & Light Co., 1950-1974
 (a) Vice President, Secretary-Treasurer
 (b) Member Board of Directors
- 270 Answer 77 (A) B.S., Electrical Engineering
 University of Arizona, 1950
- (B) Arizona Public Service Co., 1950-present
 (a) Vice President-Operations, 1974-present
 (b) Officer since 1967
- 270 Answer 78 (A) B.A., Economics
 University of Arizona, 1956
 M.S., Finance
 Columbia University, 1957
- (B) Arizona Public Service Co., 1957-present
 (a) Vice President and Treasurer - Financial
 Services, 1975-present
 (b) Officer since 1969
- 270 Answer 79 (A) B.S., Mechanical Engineering
 University of Arizona, 1948
- (B) (a) Vice President - Power Production
 and Operations, 1970-present
 (b) Manager, System Gas Department,
 1969-1970
 (c) Manager, Mechanical Engineering,
 1957-1969
- 270 Answer 80 (A) B.A., Education
 Arizona State University, 1948
- (B) (a) President, Chief Executive Officer,
 1973-present
 (b) Board of Directors, 1972-present
 (c) Executive Vice President, 1969-1973
 (d) Vice President - Marketing, 1967-1969
 (e) Controller, 1963-1967
 (f) Manager, Measurements Group, 1958-1963

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Answer 81 (A) B.S., Electrical Engineering
University of California, Berkeley, 1943

- (B) (i) Arizona Public Service Co., 1960-present
(a) Manager, System Planning, 1974-present
(b) Manager, Consulting Engineering Services, 1965-1974
(c) Senior Engineer, Consulting Engineering Services, 1960-1965
(ii) Westinghouse Electric Corporation, 1946-1960
(a) Advisory Engineer

270

Answer 82 (A) B.S., Electrical Engineering
University of Arizona, 1949

- (B) (i) Arizona Public Service Co., 1967-present
(a) Manager, Rate Services, 1967-present
(b) Rate Consultant, 1967
(ii) Cobast - Manager of Rates, 1965-1967
(iii) Compania Chilena de Electricidad, Ltda, Manager of Rates, 1958-1965

270

Answer 83 (A) Attended Loyola University

- (B) (i) Arizona Public Service Co., 1961-present
(a) Manager, Accounting Services, 1963-present
(b) Consultant, Accounting, 1961-1963
(ii) Bonanza Air Lines, Inc., 1949-1961
(a) Director, Research and Development

270

Answer 84 (A) B.S., Electrical Engineering
University of Utah, 1934

- (B) (a) Executive Vice President - Operations, 1969-present
(b) Officer since 1961



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Answer 85 (A) B.S., Mechanical Engineering
University of Utah, 1963

- (B) (i) Arizona Public Service Co., 1967-present
(a) Manager, Engineering Services,
1974-present
(b) Marketing Manager, 1972-1974
(c) Manager, Power Sales, 1971-1972

(ii) General Electric Co.

270

Answer 86 (A) B.S., Agriculture/Conservation
Ohio State University, 1954

- (B) (i) Arizona Public Service Co., 1972-present
(a) Manager, Risk Management Services,
1973-present
(b) Adjuster, 1972-1973

(ii) Automobile Mutual Insurance Co.,
1956-1972

270

Answer 87 (A) B.S., Physics-Math
Jamestown College, 1958
M.S., Public Health-Radiological Health
University of Minnesota, 1964
Ph.D., Preventive Medicine and Environ-
mental Science
University of Iowa, 1967

- (B) (i) Arizona Public Service Co., 1972-present
(a) Manager, Environmental Management

(ii) Swanson Environmental Consultants, Inc.,
1970-1972

(iii) Industrial Bio-Test Laboratories, Inc.,
1969-1970

(iv) American Smelting and Refining Co.,
Industrial Hygienist, 1966-1969

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(v) Has supervised, conducted and assisted with: environmental radiation programs for nuclear power plants; water, noise and air pollution studies and programs; environmental efficiency tests; radiation monitoring programs and thermal studies for twenty utilities and over thirty generating stations. Testified before Atomic Energy Commission and before Advisory Committee on Reactor Safeguards

270 Answer 88 (A) B.S., Electrical Engineering
Iowa State College, 1950
Graduate study at University of Arizona
and Arizona State University

(B) (a) Vice President-Resources Planning,
1973-present
(b) Director of Administrative Services,
1972-1973
(c) Power Resources Manager, 1969-1972

272 Answer 65 C-4, C-5; I-3, I-4, I-10; LA, ER

272 Answer 66 C-4, C-5; I-3, I-4, I-10; LA, ER

272 Answer 67 C-13

272 Answer 68 C-13

272 Answer 69 C-13

272 Answer 70 C-13

272 Answer 71 C-13

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| 272 | Answer 72 | C-13 |
| 272 | Answer 73 | C-13 |
| 272 | Answer 74 | C-13 |
| 272 | Answer 75 | C-13 |
| 272 | Answer 76 | C-4, C-5, C-14, C-15; I-3, I-4, I-10 |
| 272 | Answer 77 | C-4, C-5, C-14, C-15; I-3, I-4, I-10 |
| 272 | Answer 78 | C-4, C-5, C-14, C-15; I-3, I-4, I-10 |
| 272 | Answer 79 | C-4, C-5, C-14, C-15; I-4, I-10 |
| 272 | Answer 80 | C-4, C-5, C-14, C-15; I-3, I-4, I-10 |
| 272 | Answer 81 | C-4, C-5, C-14, C-15; I-3, I-4, I-10 |
| 272 | Answer 82 | C-4, C-5, C-14, C-15; I-4 |
| 272 | Answer 83 | C-15; I-4 |
| 272 | Answer 84 | C-4, C-5, C-14, C-15; I-4, I-10 |

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Answer 85

C-4, C-5, C-14, C-15; I-4

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Answer 86

C-15

272

Answer 87

ER

272

Answer 88

C-4, C-5, C-14, C-15; I-10

4(c)(i) Name of Unit Horse Mesa #1, #2, #3

| | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 |
|--|-------------|-------------|-------------|-------------------|------|------------|------------|
| CAPACITY FACTOR | 57% | 41% | 60% | N/A ^{1/} | N/A | 15% | 5% |
| AVAILABILITY FACTOR | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| NET ELECTRICAL GENERATION (Kwh) | 150,561,000 | 107,345,000 | 136,317,000 | --- | --- | 42,727,000 | 14,724,000 |

^{1/} Units down for conversion to 60 HZ



4(c)(i) Name of Unit

Horse Mesa #4

| | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 |
|--|------|------|------|------|------|-------------|-------------|
| C A P A C I T Y F A C T O R | --- | --- | --- | --- | ---* | 26% | 27% |
| A V A I L A B I L I T Y F A C T O R | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| N E T E L E C T R I C A L G E N E R A T I O N (Kwh) | --- | --- | --- | --- | --- | 220,511,000 | 230,374,000 |

*Unit commercial 6/27/72

4(c)(i) Name of Unit Mormon Flat #2

| | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 |
|--|------|------|------|------|------------|-------------|-------------|
| CAPACITY FACTOR | --- | --- | --- | ---* | 10% | 26% | 25% |
| AVAILABILITY FACTOR | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| NET ELECTRICAL GENERATION (Kwh) | --- | --- | --- | --- | 42,588,000 | 112,762,000 | 107,420,000 |

169(a)

*Unit commercial 6/1/71

4(c)(i) Name of Unit

Mormon Flat #1

| | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 |
|--|------------|------------|------------|--------|-----------|------------|-----------|
| C A P A C I T Y F A C T O R | 99% | 51% | 38% | -----* | 3% | 14% | 7% |
| A V A I L A B I L I T Y F A C T O R | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| N E T E L E C T R I C A L G E N E R A T I O N (Kwh) | 61,101,000 | 31,412,000 | 33,524,000 | --- | 2,947,000 | 12,490,000 | 6,383,000 |

*Unit converted to 60 HZ 1971

4(c)(i) Name of Unit

Roosevelt

| | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 |
|------------------------------------|-------------|------------|------------|------|------|-------|------------|
| CAPACITY FACTOR | 68% | 48% | 31% | * | --- | ---** | 31% |
| AVAILABILITY FACTOR | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| NET ELECTRICAL GENERATION (Kwh) | 113,900,000 | 80,087,000 | 57,449,000 | --- | --- | --- | 96,887,000 |

* Plant shut down for 60 HZ conversion

** Unit commercial 3/22/73

4(c)(i) Name of Unit

Stewart Mountain

| | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 |
|--|------------|------------|------------|------------|------------|------------|------------|
| CAPACITY FACTOR | 68% | 52% | 56% | 45% | 45% | 60% | 48% |
| AVAILABILITY FACTOR | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| NET ELECTRIC GENERATION (Kwh) | 59,425,000 | 45,353,000 | 49,106,000 | 39,136,000 | 43,518,000 | 68,394,000 | 54,162,000 |



CERTIFICATE OF SERVICE

It is hereby certified that true and correct copies of the foregoing Applicants' Supplementary Answers to Intervenor ACEC'S First Set of Interrogatories have been placed in the United States Mails, postage prepaid, this 25th day of August, 1975, to the following:

Daniel M. Head, Chairman
Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

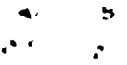
Dr. Marvin M. Mann
Technical Advisor
Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Quentin J. Stober
Research Assoc. Professor
Fisheries Research Institute
University of Washington
Seattle, Washington 98195

Thomas M. Bruen, Esq.
Michael W. Graine, Esq.
Regulatory Staff Counsel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Ms. Barbara E. Fisher, Esq.
Arizona Public Law Advocates
201 North Stone Avenue
Tucson, Arizona 85701

Andrew W. Bettwy
Assistant Attorney General
159 State Capitol
1700 West Washington
Phoenix, Arizona 85007



1 2 3 4 5 6 7 8 9 10 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 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100


Mr. Carmine F. Cardamone, Jr.
1415 North Third Avenue
Tucson, Arizona 85705

Atomic Safety and Licensing Appeal Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Atomic Safety and Licensing Board Panel
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Docketing and Service Section
Office of the Secretary
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SNELL & WILMER

By 
Bruce Norton

