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THE RECEIVED

ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE

2001 APR 24 P 2:25

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4 IN THE MATTER OF THE APPLICATION OF)
5 GILA BEND POWER PARTNERS AND ITS)
6 ASSIGNS IN CONFORMANCE WITH THE)
7 REQUIREMENTS OF ARIZONA REVISED)
8 STATUTES 40-360.03 AND 40-360.06 FOR A)
9 CERTIFICATE OF ENVIRONMENTAL)
10 COMPATIBILITY AUTHORIZING)
11 CONSTRUCTION OF ONE 500kV)
12 TRANSMISSION LINE AND THE)
13 WATERMELON SWITCHYARD IN MARICOPA)
14 COUNTY, ARIZONA ORIGINATING AT THE)
15 PROPOSED GILA BEND POWER PARTNERS)
16 POWER PROJECT LOCATED NORTHWEST)
17 OF THE CENTER OF THE TOWN OF GILA)
18 BEND, ARIZONA (SECTION 19, TOWNSHIP)
19 5 SOUTH, RANGE 5 WEST, G&SRB&M) AND)
20 TERMINATING AT THE PROPOSED)
21 WATERMELON SWITCHYARD SECTION 22,)
22 TOWNSHIP 5 SOUTH, RANGE 4 WEST, A)
23 DISTANCE OF APPROXIMATELY 9 MILES.)
24)
25)
26)
27)
28)

AZ CORP COMMISSION
DOCUMENT CONTROL
CASE NO. 109

DOCKET NO. L-00000V-01-0109
Arizona Corporation Commission

DOCKETED

APR 24 2001

DOCKETED BY	<i>sd</i>
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NOTICE OF FILING AMENDED
COMMITTEE DECISION
NUNC PRO TUNC

The Arizona Power Plant and Transmission Line Siting Committee hereby gives Notice of Filing its Amended Decision and Certificate of Environmental Compatibility nunc pro tunc, to include Attachment A, for approval by the Arizona Corporation Commission. A copy of the Amended Decision is attached.

DATED this 23rd day of April, 2001.

Chairman
Arizona Power Plant & Transmission Line
Siting Committee

1 Pursuant to A.A.C. R14-3-204,
2 the ORIGINAL and twenty-five
3 copies were filed this 24th day
4 of April, 2001, with:

5 Docket Control
6 Arizona Corporation Commission
7 1200 West Washington Street
8 Phoenix AZ 85007

9 COPY of the foregoing mailed this 24th
10 day of April, 2001, to:

11 Teena Wolfe, Esq.
12 Arizona Corporation Commission
13 1200 West Washington Street
14 Phoenix AZ 85007

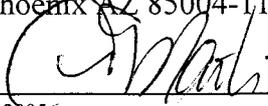
15 Lawrence V. Robertson, Jr.
16 Munger Chadwick, PLC
17 National Bank Plaza
18 333 N. Wilmot, Suite 300
19 Tucson, AZ 85711

20 Karen L. Peters
21 Justin D. Steltenpohl
22 Squire, Sanders & Dempsey, LLP
23 Two Renaissance Square, 27th Floor
24 40 North Central Avenue
25 Phoenix AZ 85004-4440
26 Attorneys for Applicant

27 John Washburn
28 Gila Bend Power Partners, L.L.C.
5949 Sherry Lane, Suite 1880
Dallas, TX 75225

Jeff Guldner, Esq.
Snell & Wilmer
One Arizona Center
400 East Van Buren Street
Phoenix AZ 85004-0001
Attorneys for Arizona Public Service Co.

1 Arizona Reporting Services, Inc.
2 2627 North Third Street, Suite 3
3 Phoenix AZ 85004-1103



4 212805

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1 The following members and designees of members of the Committee were present for the
2 evidentiary presentation during the March 12, 2001 hearing, and/or for the April 5, 2001 hearing and
3 deliberations and vote on the Application:

4 Laurie A. Woodall	Chair, and Designee for Arizona Attorney 5 General Janet Napolitano
6 Ray Williamson	Arizona Corporation Commission
7 Richard Tobin	Arizona Department of Environmental Quality
8 George Campbell	Appointed Member
9 Jeff McGuire	Appointed Member
10 Mike Palmer	Appointed Member
11 Sandie Smith	Appointed Member
12 Wayne Smith	Appointed Member
13	
14	

15 The Applicant was represented by Lawrence V. Robertson, Jr. of Munger Chadwick, P.L.C.
16 An appearance of record was also entered for Karen L. Peters, Squire, Sanders & Dempsey, L.L.P..
17 Staff of the Arizona Corporation Commission ("Commission") was represented by its counsel, Teena
18 Wolfe. There were no intervenors.

19
20 At the conclusion of the public hearings, after consideration of (i) the Application and the
21 evidence presented during the public hearings, and (ii) the legal requirements of Arizona Revised
22 Statutes §§40-360 to 40-360.13 and A.A.C. R14-3-213, upon motion duly made and seconded, the
23 Committee voted to grant Applicant the following Certificate of Environmental Compatibility (Case
24 No. 109).

25
26 Applicant is hereby granted a Certificate of Environmental Compatibility for authority to
27 construct the following facilities, as requested in the Application: (i) a 500 kV transmission line,
28

1 (ii) 500 kV switchyard and (iii) a 500 kV interconnection. This Certificate authorizes the attachment
2 of an existing 230 kV circuit on the new 500 kV structures, which will be designed and constructed
3 to accommodate a future upgrade of the 230 kV circuit to 500 kV. This Certificate authorizes (but
4 does not require) that upgrade at a future date. If in the future a portion of the existing 230 kV line
5 is relocated, this Certificate authorizes (but does not require) the replacement of that portion of the
6 existing 230 kV line with a 500 kV line.
7

8 Applicant's 500 kV transmission line will originate at Applicant's Gila Bend generating
9 station (Section 19, Township 5 South, Range 5 West, G&SRB&M), and follow an easterly
10 alignment for approximately 9 miles, terminating at Applicant's proposed Watermelon Switchyard
11 (Section 22, Township 5 South, Range 4 West, G&SRB&M). The 500 kV transmission line
12 alignment will parallel and be adjacent to the south side of Watermelon Road for approximately 7.5
13 miles, and the remaining 1.50 miles will extend in an easterly direction from that point where
14 Watermelon Road terminates at Old U.S. Highway 80. The transmission line will consist of steel
15 monopole structures designed and constructed to accommodate two 500 kV circuits. Where the
16 Applicant's proposed transmission line is coincident with Arizona Public Service Company's
17 ("APS") existing Liberty to Gila Bend 230 kV transmission line, APS' Liberty to Gila Bend 230 kV
18 transmission line will occupy one circuit position of the Applicant's double circuit structures and the
19 existing structures currently supporting APS' Liberty to Gila Bend 230 kV transmission line will be
20 removed. The routing, design, height and material composition of the 500 kV and 230 kV
21 transmission line facilities will be as testified to by Applicant's witness Walther at the April 5, 2001
22 hearing, and as depicted in Exhibit "A" attached hereto.
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24
25

26 The 500 kV Watermelon Switchyard will be located on approximately 40 acres in the SW
27 1/4 of Section 22, Township 5 South, Range 4 West, G&SRB&M. It will serve both as the
28

1 termination point of the 500 kV transmission line hereby certificated, and as the point of
2 interconnection of that transmission line with the two 500 kV transmission lines previously
3 certificated to APS in Case No. 102. The design, height and material composition of the
4 Watermelon Switchyard facilities shall be as set forth in the Application and supporting exhibits.

5 The 500 kV interconnection at the Watermelon Switchyard will ultimately interconnect
6 Applicant's Gila Bend electric generation station with the Hassayampa Switchyard via the two 500
7 kV transmission lines certificated by the Committee in Case No. 102 and the 500 kV transmission
8 line certificated in Case Nos. 24 and 31. The details of these interconnections will be the subject
9 of contractual arrangements to be entered into between Applicant and APS, and Applicant and the
10 Salt River Project ("SRP"), respectively.
11

12 The issuance and approval of this Certificate of Environmental Compatibility by the
13 Committee and the Commission will satisfy Condition No. 15 of the Certificate of Environmental
14 Compatibility granted to Applicant in Case No. 106.
15

16 This Certificate of Environmental Compatibility is granted upon the following conditions.

- 17
- 18 1. Applicant shall comply with all existing applicable air and water
19 pollution control standards and regulations, and with all existing
20 applicable ordinances, master plans and regulations of the State of
21 Arizona, the County of Maricopa, the United States and any other
22 governmental entities having jurisdiction.
 - 23 2. Applicant shall provide the Commission with copies of any
24 transmission agreements it ultimately enters into with APS and SRP,
25 respectively, within 30 days of execution of those agreements.
 - 26 3. In connection with the final design and construction of the
27 transmission line and switchyard facilities herein authorized,
28 applicant shall:
 - A. Use existing access;
 - B. Minimize vegetation clearing;
 - C. Revegetate or restore areas of construction disturbance;
 - D. Use non-specular conductor and dulled structures;

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- E. Consolidate proposed 500 kV and existing 230 kV transmission line facilities on single supporting structures (pursuant to the request of the Town of Gila Bend and members of the public);
- F. Where possible, match the transmission supporting structure height and span distance with those APS' Gila River 500 kV transmission line facilities previously authorized in Case No. 102 (pursuant to the request of the Town of Gila Bend);
- G. Locate the transmission line supporting structures so that the line spans the archaeological site identified in Applicant's cultural resources study;
- H. Complete the native plant survey prior to commencement of construction, and, if necessary, develop a plant salvage program;
- I. Landscape the Watermelon Switchyard with arid plant materials; and
- J. Construct an 8' to 10' earthen berm on the west side of the Watermelon Switchyard in the location depicted in Applicant's hearing Exhibit A-4.

4.

- a) The Applicant shall make every reasonable effort to identify and correct, on a case-specific basis, all complaints of interference with radio or television signals from operation of the line and related facilities. In addition to any transmission repairs, the relevant corrective actions may include, adjusting or modifying receivers, adjusting or repairing, replacing or adding antennas, antenna signal amplifiers, filters, lead-in cables, or other corrective actions.
- b) The Applicant shall maintain written records for a period of 5 years, of all complaints of radio or television interference attributable to operation together with the corrective action taken in response to each complaint. All complaints shall be recorded to include notations on the corrective action taken. Complaints not leading to a specific action or for which there was no resolution should be noted and explained. The record shall be signed by the project owner and also the complainant, if possible, to indicate concurrence with the corrective action or agreement with the justification for a lack of action.
- c) Applicant shall advise interested persons how they may express concerns or submit complaints to Applicant or the Arizona Corporation Commission when they believe the transmission line or switchyard facilities herein authorized are creating noise in excess of applicable HUD standards or causing interference with communications signals in excess of applicable FCC standards. Such complaints as may be filed with the Commission shall be processed pursuant to those provisions of A.A.C. R14-2-212(A) and (C) applicable to service disputes.

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5. This authorization to construct the aforementioned facilities shall expire five (5) years from the date this Certificate of Environmental Compatibility is approved by the Commission, unless construction is completed to the point that the 500 kV transmission line and 500 kV switchyard are capable of operating by that time; provided, however, that prior to such expiration Applicant may request that the Commission extend this time limitation.

The Committee has reviewed Arizona Corporation Commission Decision No. 46865 (Feb. 23, 1976), which granted a Certificate of Environmental Compatibility for the Liberty to Gila Bend 230 kV transmission line in Case No. 26. The Committee finds as a matter of fact, and concludes as a matter of law, that implementation of the above-described routing and design of Applicant's 500 kV transmission line, and the related effect on the current routing and design of APS' existing 230 kV transmission line, would be consistent with the Certificate of Environmental Compatibility issued in Decision No. 46865 and would not require an additional Certificate of Environmental Compatibility. This finding of fact and conclusion of law imposes no obligation on APS, the owner of the Liberty to Gila Bend 230 kV transmission line.

GRANTED this 11th day of APRIL, 2001.

Arizona Power Plant and Transmission Line
Siting Committee

By: Laurie A Woodall
Laurie A. Woodall, Chair

1 **ORDER OF ARIZONA CORPORATION COMMISSION AFFIRMING AND**
2 **APPROVING CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY**

3 Having considered the foregoing decision of the Arizona Power Plant and Transmission Line
4 Siting Committee in light of the decision-making factors specified in Arizona Revised Statutes §40-
5 360.06, and, pursuant to Arizona Revised Statutes §40-360.07(c), having balanced in the broad public
6 interest the need for an adequate, economical and reliable supply of electric power with the desire
7 to minimize the effect thereof on the environment and ecology of Arizona, it is the decision of this
8 Commission that the Certificate of Environmental Compatibility granted by the Committee on
9 _____, 2001 in Case No. 109 should be, and hereby is, affirmed and approved.
10

11
12 **BY ORDER OF THE ARIZONA CORPORATION COMMISSION**

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16 _____
17 CHAIRMAN

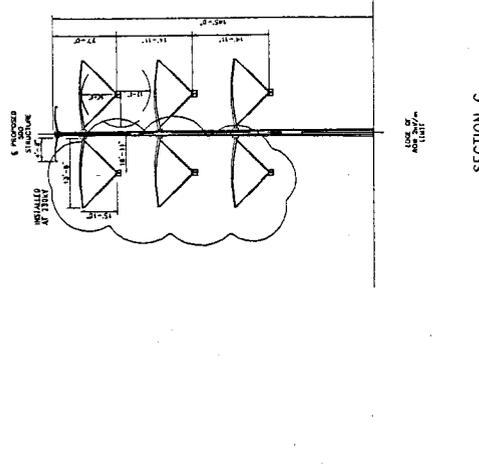
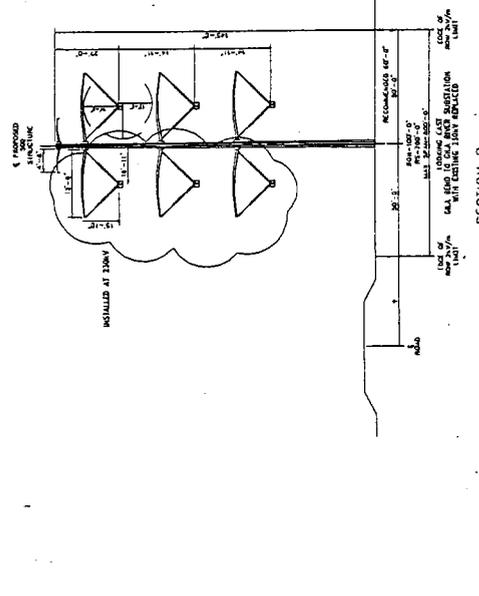
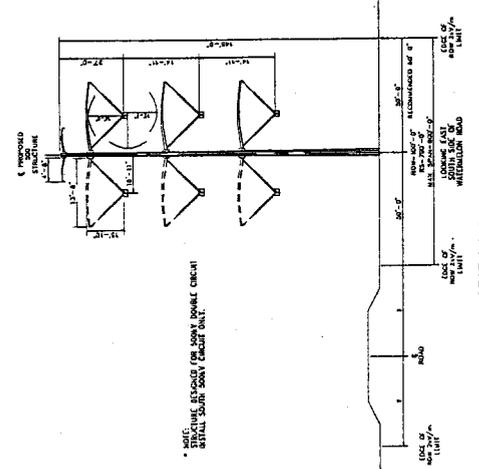
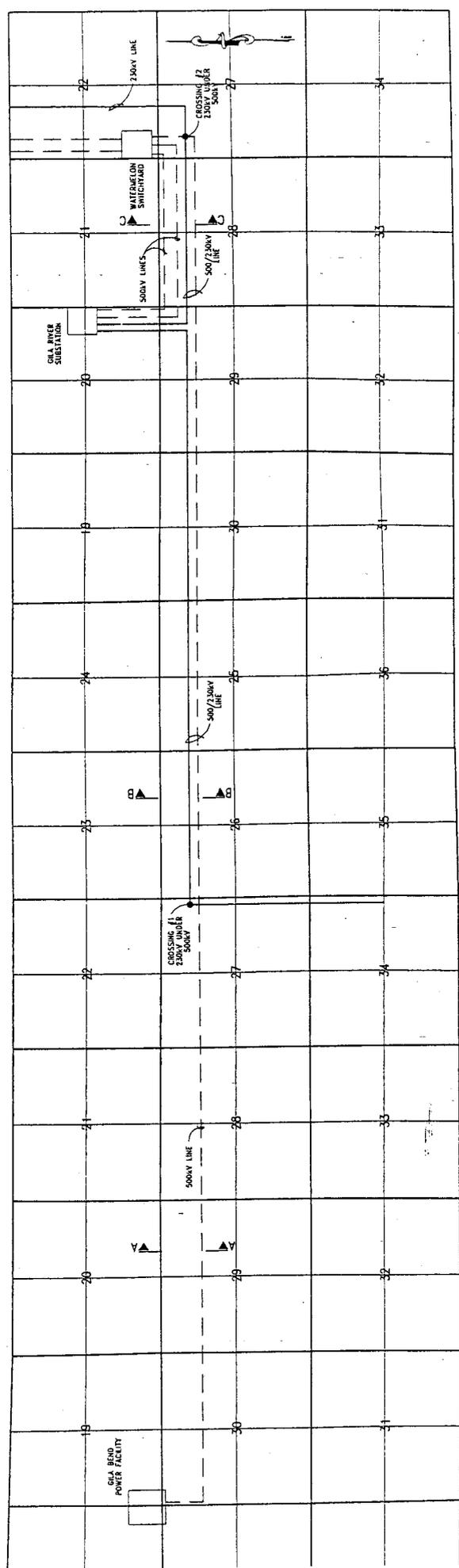
18 _____
19 COMMISSIONER

20 _____
21 COMMISSIONER

22 IN WITNESS WHEREOF, I, BRIAN C. McNEIL,
23 Executive Secretary of the Arizona Corporation
24 Commission, have hereunto, set my hand and caused the
25 official seal of this Commission to be affixed at the
26 Capitol, in the City of Phoenix, this _____ day of
27 _____, 2001.

28 _____
29 BRIAN C. McNEIL
30 Executive Secretary

31 Dissent: _____
32 212387



500KV Transmission Line
Gila Bend Power Project to
Gila Bend East Switchyard
Right of Way Design

FILE NO. = PR0401 P-B-0074

NO.	DESCRIPTION	DATE
1	FIRST DRAWING	
2		
3		
4		

DESIGNER	CHECKED	APPROVED	DATE
DMAN	CEB		3/25/03
DESIGNED	CGB		3/25/03
CHECKED			
APPROVED			

ENGINEERING FLOOR	DATE
TV	3/25/03
CGB	
CHECKED	
APPROVED	
DATE SCALE NONE	DATE SCALE 1:5000