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BEFORE THE ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE

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IN THE MATTER OF THE APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY IN CONFORMANCE WITH THE REQUIREMENTS OF ARIZONA REVISED STATUTES SECTION 40-360, ET SEQ., FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AUTHORIZING THE NORTH VALLEY 230KV FACILITY PROJECT, CASE NO. 120 INCLUDING THE CONSTRUCTION OF APPROXIMATELY 31 MILES OF 230KV TRANSMISSION LINES, TWO 230KV SUBSTATIONS, AND THREE SUBSTATION INTERCONNECTIONS IN MARICOPA COUNTY, ARIZONA, ORIGINATING AT THE WESTWING SUBSTATION IN SECTION 12, TOWNSHIP 4 NORTH, RANGE 1 WEST, G&SRB&M AND INTERCONNECTING AT THE RACEWAY SUBSTATION IN SECTIONS 4 AND 5, TOWNSHIP 5 NORTH, RANGE 1 EAST, G&SRB&M, CONTINUING TO THE PROPOSED AVERY SUBSTATION IN SECTION 15, TOWNSHIP 5 NORTH, RANGE 2 EAST, G&SRB&M AND THE PROPOSED MISTY WILLOW SUBSTATION IN SECTION 8, TOWNSHIP 4 NORTH, RANGE 3 EAST, G&SRB&M, AND TERMINATING AT THE PINNACLE PEAK SUBSTATION IN SECTION 10, TOWNSHIP 4 NORTH, RANGE 4 EAST, G&SRB&M.

Docket No. L-00000D-02-0120

CASE NO. 120

NOTICE OF FILING OF THE ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE'S CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY

RECEIVED
2003 APR 24 P 2:20
AZ CORP COMMISSION
DOCUMENT CONTROL

The Arizona Power Plant and Transmission Line Siting Committee, hereby provides this Notice of Filing of its Decision and Certificate of Environmental Compatibility ("Decision"), a copy of which is attached.

DATED this 24th day of April, 2003.

ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE

Arizona Corporation Commission

DOCKETED

APR 24 2003

By: Laurie A. Woodall
Laurie A. Woodall, Chairman

DOCKETED BY GA

1 ORIGINAL and 25 copies filed
this 24th day of April, 2003, with:

2 Colleen Ryan, Docketing Supervisor
3 Docket Control
4 ARIZONA CORPORATION COMMISSION
5 1200 West Washington Street
6 Phoenix, Arizona 85007

6 COPIES of Notice w/ Certificate of
7 Environmental Compatibility
8 hand-delivered this 24th day of April, 2003,
9 c/o Colleen Ryan, Docketing Supervisor,
10 Docket Control:

9 Chairman William Mundell
10 ARIZONA CORPORATION COMMISSION
11 1200 West Washington Street
12 Phoenix, Arizona 85007

11 Commissioner Jim Irvin
12 ARIZONA CORPORATION COMMISSION
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14 Phoenix, Arizona 85007

14 Commissioner Marc Spitzer
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9 Attorney for ACC Staff

10 **COPY** mailed this *24th* day
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Phoenix AZ 85004-2391

24

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1 Bev Jackson
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2 Phoenix AZ 85085
Intervenor

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Carole A. Gilbert

237251/cg

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**BEFORE THE ARIZONA POWER PLANT AND
TRANSMISSION LINE SITING COMMITTEE**

IN THE MATTER OF THE APPLICATION OF
ARIZONA PUBLIC SERVICE COMPANY IN
CONFORMANCE WITH THE REQUIREMENTS
OF ARIZONA REVISED STATUTES SECTION
40-360, ET SEQ., FOR A CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY
AUTHORIZING THE NORTH VALLEY 230KV
FACILITY PROJECT, CASE NO. 120
INCLUDING THE CONSTRUCTION OF
APPROXIMATELY 31 MILES OF 230KV
TRANSMISSION LINES, TWO 230KV
SUBSTATIONS, AND THREE SUBSTATION
INTERCONNECTIONS IN MARICOPA
COUNTY, ARIZONA, ORIGINATING AT THE
WESTWING SUBSTATION IN SECTION 12,
TOWNSHIP 4 NORTH, RANGE 1 WEST,
G&SRB&M AND INTERCONNECTING AT THE
RACEWAY SUBSTATION IN SECTIONS 4
AND 5, TOWNSHIP 5 NORTH, RANGE 1 EAST,
G&SRB&M, CONTINUING TO THE PROPOSED
AVERY SUBSTATION IN SECTION 15,
TOWNSHIP 5 NORTH, RANGE 2 EAST,
G&SRB&M AND THE PROPOSED MISTY
WILLOW SUBSTATION IN SECTION 8,
TOWNSHIP 4 NORTH, RANGE 3 EAST,
G&SRB&M, AND TERMINATING AT THE
PINNACLE PEAK SUBSTATION IN SECTION
10, TOWNSHIP 4 NORTH, RANGE 4 EAST,
G&SRB&M.

Docket No. L-00000D-02-0120

CASE NO. 120

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CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY

Pursuant to notice given as provided by law, the Arizona Power Plant and Transmission
Line Siting Committee (the "Committee") held public hearings on November 25-26, 2002,
January 27, 2003, January 29, 2003, March 24, 2003 and March 26, 2003, all in conformance

1 with the requirements of Arizona Revised Statutes § 40-360, *et seq.*, for the purpose of
2 receiving evidence and deliberating on the Application of Arizona Public Service Company
3 (“Applicant”) for a Certificate of Environmental Compatibility in the above-captioned case.
4 A route tour was conducted on January 27, 2003.

5 The following members and designees of members of the Committee were present for
6 the deliberations and vote on the Application at the January 29, 2003 hearing:

7	Laurie Woodall	Chairman, Designee for Arizona Attorney General,
8		Terry Goddard
9	Ray Williamson	Designee for Chairman, Arizona Corporation
10		Commission
11	Richard Tobin	Designee for Director, Arizona Department of
12		Environmental Quality
13	Mark McWhirter	Designee for Director, Energy Department, Arizona
14		Department of Commerce
15	Margaret Trujillo	Appointed Member
16	A. Wayne Smith	Appointed Member
17	Michael Whalen	Appointed Member
18	Michael Palmer	Appointed Member

19 The Applicant was represented by Jeffrey B. Guldner and Lisa M. Coulter of Snell &
20 Wilmer L.L.P. and C. David Martinez of Pinnacle West Capital Corporation. The following
21 parties were granted intervention pursuant to A.R.S. § 40-360.05: Arizona Corporation
22 Commission Staff, represented by Janice M. Alward and Jason D. Gellman; Walter Meek, pro
23 se; United Services Automobile Association, represented by C. Webb Crockett of Fennemore
24 Craig, P.C.; Roles Inc., represented by Roger K. Ferland and Laura Raffaelli of Quarles &
25 Brady Streich Lang L.L.P.; and Beverly Jackson, pro se.

26 At the conclusion of the hearings, the Committee, having received the Application, the

1 appearances of the parties, the evidence, testimony and exhibits presented at the hearings, and
2 being advised of the legal requirements of Arizona Revised Statutes §§ 40-360 to 40-360.13,
3 upon motion duly made and seconded, voted unanimously to grant the Applicant the following
4 Certificate of Environmental Compatibility (Case No. 120):

5 The North Valley project route (depicted on Exhibit A, attached hereto) will
6 originate at the Westwing Substation in Section 12, Township 4 North, Range 1 West,
7 and parallel an existing 500/230kV transmission line corridor northeast (approximately
8 3.1 miles) to the section line that designates the Dove Valley Road alignment. At that
9 point, a radial line will extend northeast for approximately 1.7 miles interconnecting
10 with the 230/69kV Raceway Substation in Sections 4 and 5, Township 5 North, Range
11 1 East. From the Westwing Substation north to Raceway Substation this portion of the
12 route will include a 1,500-foot corridor extending to the east from the westernmost
13 edge of the exiting transmission line right-of-way. From the point where the radial line
14 is extended, the route continues east along the section line associated with the Dove
15 Valley Road alignment for approximately 8.3 miles to the proposed Avery Substation,
16 located approximately ½ mile west of I-17 in Section 15, Township 5 North, Range 2
17 East. There will be a 1,500-foot corridor on each side of the section line that designates
18 the Dove Valley Road alignment in this area. From that point the line will continue
19 south along the 39th Avenue alignment for 1.0 mile to the section line that designates
20 the Lone Mountain Road alignment. The route then crosses Sections 22 and 23,
21 Township 5 North, Range 2 East, on the diagonal to meet I-17, where the 69 kV crosses
22 I-17 at a point identified as Latitude 33.7671852 and Longitude -112.128662. In this
23 area, there will be a 1,000-foot corridor on each side of the proposed centerline of the
24 route. The route then continues south paralleling the west side of I-17 to a point
25 approximately 1.0 mile north of Happy Valley Road and immediately south of Skunk
26 Creek. There will be a 1,000-foot corridor west of the controlled access for I-17. At

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this point the route parallels the south side of Skunk Creek for approximately 0.1 mile to the 29th Avenue alignment where it turns south and parallels the 29th Avenue alignment to a point approximately 0.25 miles south of Happy Valley Road. Along Skunk Creek and the 29th Avenue alignment there will be a 1,000-foot corridor on either side of the proposed centerline, except that the corridor shall not extend beyond the western boundary of the controlled access for I-17. At this point the route will turn east and cross I-17 approximately 0.25 miles south of Happy Valley Road and parallel the existing 230 kV transmission line corridor for approximately 2.5 miles, interconnecting with the proposed Misty Willow Substation located south of the existing transmission corridor and west of the CAP in Section 8, Township 4 North, Range 3 East. At this point, the route then continues east and parallel to the 230kV transmission line corridor, terminating at the Pinnacle Peak Substation in Section 10, Township 4 North, Range 4 East. In the area from I-17 east to the Pinnacle Peak Substation, there will be a 1,000-foot corridor north of the centerline of the existing Salt River Project ("SRP") transmission line.

With the exception of turning structures, the Project shall, at a maximum, be constructed on double-circuit monopoles with the capability for double circuit 69 kV underbuild from the Westwing Substation to the west side of 23rd Avenue, and shall be constructed on double-circuit lattice towers for the remainder of the Project. Notwithstanding the foregoing, between 23rd Avenue and the Misty Willow Substation, the Project may be constructed either on double-circuit monopoles with capability for double-circuit 69 kV underbuild or double-circuit lattice towers to match structure types with the existing SRP transmission line.

This Certificate is granted upon the following conditions:

1 1. The Applicant shall obtain all required approvals and permits
2 necessary to construct the Project.

3 2. The Applicant shall comply with all existing applicable air and
4 water pollution control standards and regulations, and with all
5 existing applicable ordinances, master plans and regulations of
6 the State of Arizona, the County of Maricopa, the United States,
7 and any other governmental entities having jurisdiction.

8 3. (a) This authorization to construct the Project shall expire 10
9 years from the date the Certificate is approved by the Arizona
10 Corporation Commission unless construction is completed to the
11 point that the first circuit of the Project is capable of operating by
12 that time; provided, however, that the authorization to construct
13 the second circuit of the Project shall expire 15 years from date of
14 this Certificate; and further provided, however, that prior to either
15 such expiration the Applicant or its assignees may request that the
16 Commission extend this time limitation.

17 (b) Prior to constructing any segment of the Project (except for
18 the segment on the Roles Property), Applicant shall file with the
19 Commission technical studies showing the feasibility of
20 interconnecting the Table Mesa 500 kV substation with the
21 Project. These technical studies should determine (i) the impact
22 of the proposed new Phoenix area transmission import delivery
23 point on Phoenix area Reliability Must Run ("RMR") generation
24 requirements, and (ii) the impact on staging and necessity of 230
25 kV elements authorized for construction in this CEC. As part of
26 those studies, Applicant shall investigate the impacts of
interconnecting the Westwing to Navajo 500 kV transmission
line(s) into the Table Mesa substation prior to constructing the
Palo Verde to Table Mesa 500 kV line. Such studies are to be
performed in a collaborative transmission planning study forum
such as the ten-year Phoenix area RMR study required by January
31, 2004 or the Central Arizona Transmission Study forum.

(c) Prior to constructing any segment of the Project (except for
the segment on the Roles Property), Applicant shall submit a
report to the ACC Utilities Division Staff showing how the design
appropriately balances pole height, location and span with system
reliability. The report shall also demonstrate that any system

1 consolidation shall not detrimentally impact system reliability at
2 the time of construction.

- 3 4. The Applicant shall make every reasonable effort to identify and
4 correct, on a case-specific basis, all complaints of interference
5 with radio or television signals from operation of the transmission
6 line and related facilities addressed in this Certificate. In addition
7 to any transmission repairs, relevant corrective actions may
8 include adjusting or modifying receivers; adjusting, repairing,
9 replacing or adding antennas, antenna signal amplifiers, filters, or
10 lead-in cables; or other corrective actions.

11 The Applicant shall maintain written records for a period of five
12 years of all complaints of radio or television interference
13 attributable to operation, together with the corrective action taken
14 in response to each complaint. All complaints shall be recorded
15 to include notations on the corrective action taken. Complaints
16 not leading to a specific action or for which there was no
17 resolution shall be noted and explained. The record shall be
18 signed by the Applicant and also the complainant, if possible, to
19 indicate concurrence with the corrective action or agreement with
20 the justification for a lack of action.

- 21 5. The North Valley Project shall comply with applicable noise
22 standards of the federal Department of Housing and Urban
23 Development and the Environmental Protection Agency.

- 24 6. The Applicant shall continue to consult with the State Historic
25 Preservation Office ("SHPO") to reach a determination of any
26 cultural or archeological impacts as a result of construction
activities. If the result is a determination of negative impact, the
Applicant shall continue to consult with the SHPO to resolve the
negative impacts. The Applicant will provide a treatment plan, to
minimize impacts, for SHPO review and approval and shall
continue to consult with SHPO to resolve any such impacts. The
Applicant shall avoid and/or minimize impacts to properties
considered eligible for inclusion in the State and National
Register of Historic Places to the extent possible.

7. If the Applicant determines that historic-period structures
Beardsley Canal and Black Canyon Road and archaeological sites
AZ T:7:192 (ASM), AZ T:3:1 (MNA) and AZ T:3:2 (MNA)

1 cannot be avoided, then the Applicant shall plan and implement
2 a mitigation program in consultation with SHPO.

- 3 8. If human remains and/or funerary objects are encountered during
4 the course of any ground disturbing activities relating to the
5 development of the subject property, Applicant shall cease work
6 on the affected area of the Project and notify the Director of the
7 Arizona State Museum in accordance with A.R.S. § 41-865.
- 8 9. Applicant shall retain an archeologist on site during construction
9 activities in applicable areas, as determined by SHPO, to advise
10 them in connection with any additional archeological studies that
11 may be required and any mitigation efforts for archeological sites
12 that may be affected by the construction of the Project.
- 13 10. After construction, the Applicant, in conjunction with any
14 applicable land managing agency, shall allow Arizona Site
15 Stewards, a volunteer-staffed SHPO program, to periodically
16 inspect the sites within the corridor for vandalism or other
17 damage.
- 18 11. The Applicant shall follow the Arizona State Land Department's
19 instructions, if any, regarding the treatment of State Register of
20 Historic Places-eligible properties situated on Arizona State Land
21 Department land in consultation with SHPO.
- 22 12. In consultation with SHPO and the land-managing agency, the
23 Applicant will consider and assess potential direct and indirect
24 impacts to eligible properties related to new access roads or any
25 existing access roads that require blading.
- 26 13. The Applicant shall design the transmission lines so as to
minimize impacts to raptors.
14. Where practicable, the Applicant shall use existing roads for
construction and access. The Applicant shall minimize vegetation
disturbance, particularly in drainage channels and along stream
banks, and shall re-vegetate or restore areas of construction
disturbance.
15. The Applicant shall use non-specular conductor and dulled
surfaces for transmission line structures.

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16. Within 45 days of securing easement or right of way for the Project, the Applicant shall erect and maintain signs providing public notice that the property is the site of a future transmission line. Such signage shall be no smaller than a normal roadway sign. The Applicant shall place signs in prominent locations at reasonable intervals such that the public is notified along the full length of the transmission line until the transmission structures are constructed. There must also be signs at the location of the proposed substations. The signs shall advise:

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- that the site has been approved for the construction of Project facilities including a 230 kV transmission line, as applicable to the individual site;
 - the expected date of completion of the Project facilities; and
 - a phone number for public information regarding the Project.

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17. In the event that the Project requires an extension of the term of this Certificate prior to completion of construction, Applicant shall use reasonable means to directly notify all landowners and residents within a one-half mile radius of the Project facilities for which the extension is sought. Such landowners and residents shall be notified of the time and place of the proceeding in which the Commission shall consider such request for extension.

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18. Before construction on this Project may commence, the Applicant must file a construction mitigation and restoration plan with ACC Docket Control with copies to affected areas of jurisdiction. The Applicant shall, within one year of completion of construction of the Project, rehabilitate to its original state any area disturbed by construction of the Project, except for any road that may be necessary to access the transmission lines or substation sites for maintenance and repair.

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The goals of the Plan will be to:

- Avoid impacts where practical;
- Where impacts are unavoidable, minimize impacts; and
- Focus on site preparation to facilitate natural processes of revegetation

1 Other key elements of the Plan, when not inconsistent with the
2 respective land management agencies' or local owners'
3 requirements, are to:

- 4 • Emphasize final site preparation to encourage natural
5 revegetation
- 6 • Avoid (i.e., preserve), where practical, mature native trees;
- 7 • Stipulate a maximum construction corridor width;
- 8 • Reserve topsoil and native plant materials from right-of-
9 way before grading, and respread over the right-of-way
10 after construction is complete;
- 11 • Imprint the restored right-of-way to provide indentations
12 to catch seed and water;
- 13 • Implement best management practices to protect the soil;
- 14 • Apply restoration methods that have been shown to work
15 in the desert environment; and
- 16 • Prevent the spread of noxious weeds or other undesirable
17 species.

18 A separate construction mitigation and restoration plan shall be
19 submitted for the conducting of the second circuit on the
20 Project if such conducting does not occur at the same time as
21 the remainder of the Project is constructed.

- 22 19. Applicant shall retain a qualified biologist to monitor all ground
23 clearing/disturbing construction activities that may affect sensitive
24 habitat. The biological monitor will be responsible for ensuring
25 proper actions are taken if a special status species is encountered.
26 If Sonoran desert tortoises are encountered during construction,
the Applicant shall follow the Arizona Game & Fish Department's
Guidelines for Handling Sonoran Desert Tortoises.
- 20 20. Applicant shall salvage mesquite, ironwood, saguaro and palo
21 verde trees removed during project construction activities
22 consistent with Arizona's Native Plant Law and use the
23 vegetation for reclamation in or near its original location.
- 24 21. Applicant shall implement landscaping for the substation sites in
25 accordance with the applicable municipal planning and zoning
26 requirements.
- 22 22. The Applicant shall submit a self-certification letter annually,

1 identifying which conditions contained in the Certificate have
2 been met. Each letter shall be submitted to the Utilities Division
3 Director on December 1, beginning in 2004. Attached to each
4 certification letter shall be documentation explaining, in detail,
5 how compliance with each condition was achieved. Copies of
6 each letter, along with the corresponding documentation, shall
7 also be submitted to the Arizona Attorney General, Department of
8 Water Resources, and Department of Commerce Energy Office.

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10 23. For that segment of the route that crosses the planned Happy
11 Valley Road Towne Center property leased by Roles and located
12 at the southeast corner of I-17 and Happy Valley Road ("Roles
13 Segment"), Applicant shall:

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- 15 (a) Construct 230 kV double-circuit tangent steel monopoles
16 and relocate the existing 69 kV transmission line to such
17 monopoles at Applicant's expense;
 - 18 (b) Match spans with existing structures that shall have a
19 minimum ground clearance equal to or greater than the
20 ground clearance of the existing lines on the Roles
21 Segment;
 - 22 (c) Use commercially reasonable efforts to locate structures
23 within the existing transmission line easement across the
24 property;
 - 25 (d) Work in good faith with Roles, Salt River Project, and the
26 Western Area Power Administration to facilitate the
reconstruction of the existing 230 kV transmission
structures on the property as monopoles, with the costs of
such reconstruction to be allocated as agreed to by
Applicant and Roles;
 - (e) Construct Applicant's monopoles on the property within
one year of the effective date of this Certificate provided
that Roles has final, approved plans and permits to
construct at that time and has commenced construction;
however, if Roles has not accomplished the foregoing
within one year of the Effective Date of the Certificate,
Applicant's obligation to construct shall be at such time

1 that Roles has final, approved plans and permits to
2 construct and has commenced construction;

- 3 (f) Relocate Applicant's existing 69 kV transmission line
4 within the same period described in (e), provided that an
5 outage on the 69 kV transmission line can be safely and
6 reliably taken during that period.

7 24. Applicant shall continue to coordinate this Project with both SRP
8 and Western Area Power Administration ("WAPA") to ensure that
9 all possible projects are maximally integrated, taking into account
10 serving Arizona's growing need for electrical service, ensuring
11 reliability for the Project and the Arizona Transmission System
12 and minimizing any and all adverse environmental impacts.
13 Applicant shall provide to the ACC written confirmation of
14 continuing efforts at coordination as described above as part of its
15 compliance with this Certificate.

16 25. With respect to the Project, Applicant shall participate in good
17 faith in state and regional transmission study forums, and shall
18 coordinate transmission expansion plans related to the Project to
19 resolve transmission constraints in a timely manner.

20 26. The following condition is to ensure transmission system safety
21 and reliability when a transmission structure is placed within one
22 hundred feet of a natural gas or hazardous liquid pipeline right of
23 way, excluding distribution lines as defined by the Code of
24 Federal Regulations. Under such circumstances, the Applicant
25 shall:

- 26 (a) Provide the appropriate grounding and cathodic protection
studies to show that the transmission line results in no
material adverse impacts to such natural gas or hazardous
liquid pipeline, whose right of way is a hundred feet or less
from the transmission structure, when both are in
operation. A report of studies shall be provided to the ACC
by the Applicant as part of its compliance with the
Certificate. If material adverse impacts are noted in the
studies, Applicant shall take appropriate steps to ensure
such material adverse impacts are eliminated. Applicant
shall provide to the ACC written documentation of the

1 actions that were taken and provide documentation
2 showing that no material adverse impacts are occurring.

3 (b) Adopt a written mitigation plan outlining any and all steps
4 taken to protect all electric facilities associated with the
5 transmission line as a result of this Project from any
6 potential hazards that could occur whenever a transmission
7 line structure is placed 100 feet or less from any such
8 pipeline right of way. The plan shall indicate what
9 corrective action will be taken to mitigate any potential
10 hazard that could occur. A potential hazard includes, but is
11 not limited to, a rupture or explosion resulting from the
12 pipeline. The written mitigation plan shall be provided to
13 the ACC by the Applicant as part of its compliance with
14 this Certificate and shall be subject to approval from
15 Commission Staff. Applicant shall implement the written
16 mitigation plan during a hazard as part of its compliance
17 with this Certificate.

18 27. The Applicant shall provide copies of this Certificate to
19 appropriate city and county planning agencies.

20 28. In the final siting of this line, Applicant will work in good faith to
21 offset lines approximately $\frac{1}{4}$ mile from the Dove Valley Road
22 alignment.

23 29. Applicant shall make good faith effort to work with affected
24 municipalities and land management agencies to encourage future
25 development to move major arterials away from major
26 transmission corridors.

1 GRANTED this 24th day of April, 2003.

2 THE ARIZONA POWER PLANT AND
3 TRANSMISSION LINE SITING COMMITTEE

4 By: Laurie A Woodall
5 Laurie A. Woodall, Chairman

6 APPROVED BY ORDER OF THE ARIZONA CORPORATION COMMISSION

7
8 _____
9 Chairman

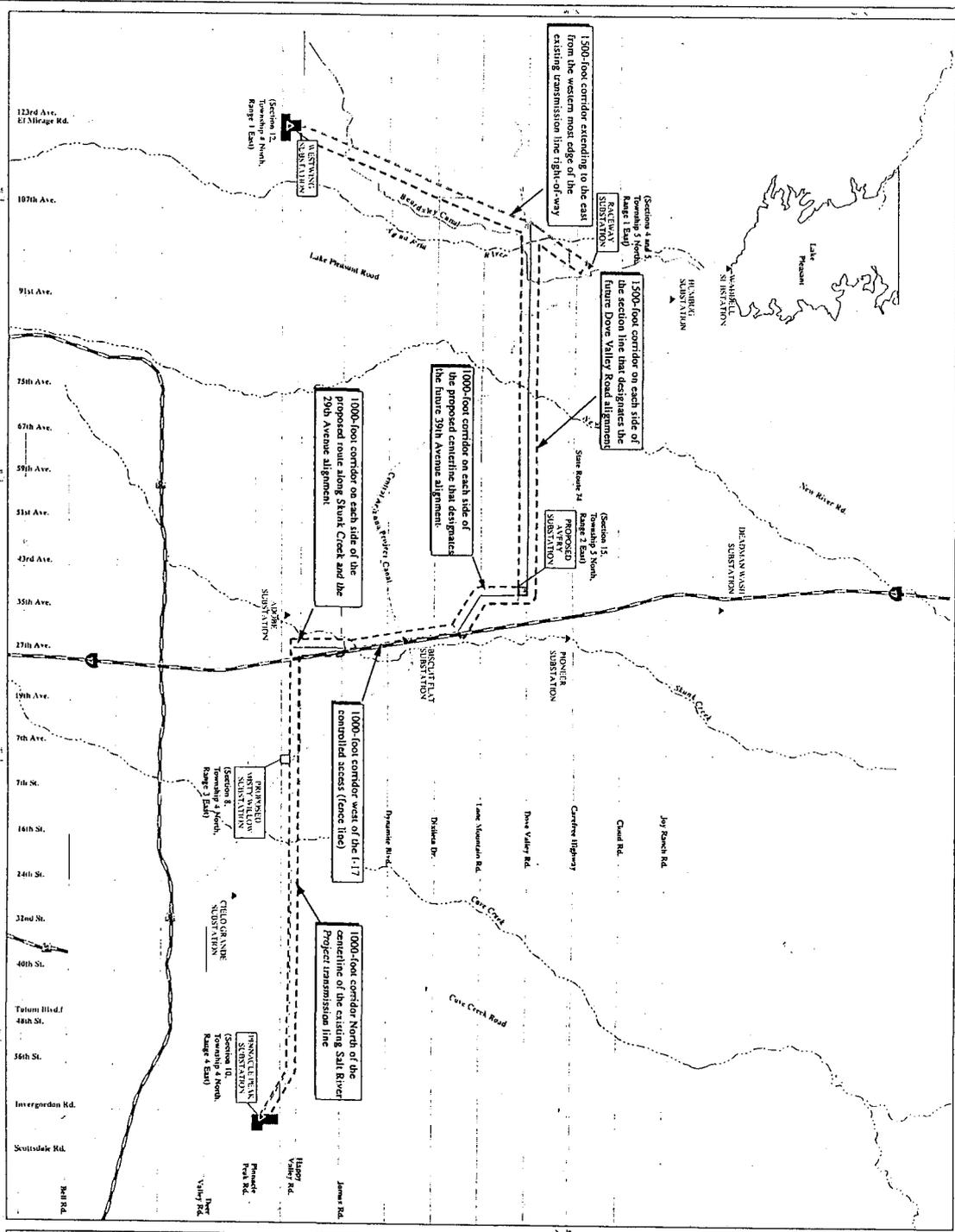
10 _____
11 Chairman

12 In Witness Hereof, I, Brian C. McNeil, Executive Secretary of the Arizona
13 Corporation Commission, set my hand and cause the official seal of this Commission
14 to be affixed, this ____ day of _____, 2003.

15 By: _____
16 Brian C. McNeil
17 Executive Secretary

18 Dissent: _____

19 237239/cg



North Valley Project Route and Corridor Description

Legend:

- Proposed Route Corridor
- Proposed Substation Siting Area

General Reference Features:

- Interstate/Highway
- - - Section Line
- ~ Lake
- ... Stream/River
- - - Canal
- ▲ / ■ Existing Substation

Scale: 1:62,500

North Arrow: Indicated by a vertical line with an arrowhead pointing up.

Logos: APS (Arizona Public Service) and GPR (Geographic Information Systems) are visible in the bottom right corner.