

ORIGINAL **APS**



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Barbara Klemstine  
Director  
Regulation & Pricing

Tel. 602-250-4563  
Fax 602-250-3003  
e-mail Barbara.Klemstine@aps.com

Mail Station 9708  
PO Box 53999  
Phoenix, Arizona 85072-3999

DEC - 1 P 3:45  
DOCKET CONTROL

December 1, 2008

Mr. Ernest Johnson  
Director, Utilities Division  
Arizona Corporation Commission  
1200 West Washington  
Phoenix, Arizona 85007

RE: Self-Certification of Environmental Compatibility for the West Valley-North 230kV  
Power Line and Substation Project, Decision 67828  
DOCKET NO. L-00000D-04-0127-- 00000

Dear Mr. Johnson:

Pursuant to Decision No. 67828 dated May 5, 2005, Condition No. 22, Arizona Public Service is hereby filing its self-certification letter and documentation for the West Valley-North 230kV Power Line and Substation Project.

If you should have any questions, please contact Jeff Johnson at 602-250-2661.

Sincerely,

Barbara Klemstine

BK/dst

Attachments

Cc: Docket Control  
Arizona Corporation Commission

Brian Bozzo  
Compliance and Enforcement  
Arizona Corporation Commission

John Foreman, Chariman  
Arizona Power Plant &  
Line Siting Committee  
Office of the Attorney General

Jim Arwood, Sr. Director  
Arizona Department of Commerce Energy Office

Herb Guenther, Director  
Arizona Department of Water Resources

Arizona Corporation Commission

DOCKETED

DEC - 1 2008





**West Valley-North 230kV  
Transmission Line Project**

Docket No. L-00000D-04-0127  
Arizona Corporation Commission  
Decision No. 67828

***Certificate of Environmental  
Compatibility Compliance***

December 2008

ARIZONA PUBLIC SERVICE  
WEST VALLEY-NORTH 230kV  
POWER LINE AND SUBSTATION PROJECT

*Summary of Certificate of Environmental Compatibility  
Compliance*

INTRODUCTION:

Arizona Public Service Company (APS) is submitting the following self-certification documentation pursuant to Condition 22 of the West Valley-North kV Power Line and Substation Project, Certificate of Compatibility Case No. 127, Docket No. L-00000D-04-0127, Decision No. 67828.

The following Condition Table lists all the requirements and the status of compliance activities. Each tab thereafter references applicable compliance documentation.

No construction activities have occurred as of November 1, 2008; therefore, many of the certificate conditions do not apply at this time.

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
**West Valley – North Power Line and Substation Project**

Certificate Condition	Compliance
1) The Applicant shall obtain all required approvals and permits necessary to construct the Project.	Refer to Tab marked Condition 1
2) The Applicant shall comply with all existing applicable air and water pollution control standards and regulations, and with all existing applicable ordinances, master plans and regulations of the State of Arizona, the County of Maricopa, the United States and any other governmental entities having jurisdiction.	Compliance with this Condition is covered under the response to Condition 1. Future permitting activities will be added as applicable.
3) This authorization to construct the Project shall expire 10 years from the date the Certificate is approved by the Arizona Corporation Commission unless construction is completed to the point that the Project is capable of operating by that time; provided, however, that the authorization to construct the second circuit of the Project shall expire 20 years from the date of this Certificate; provided, however, that prior to either such expiration the Applicant or its assignees may request that the Commission extend this time limitation.	Project was certificated on May 5, 2005. Authorization to construct the Project structures and first circuit expires on May 5, 2015. Authorization to construct the Project second circuit expires on May 5, 2025. An extension of the term of the Certificate is not required as of this filing.
4) 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 transmission line and related facilities addressed in this Certificate. The Applicant shall maintain written records for a period of five 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 shall be noted and explained. The record shall be signed by the Applicant and also the complainant, if possible, to indicate concurrence with the corrective action or agreement with the justification for lack of action.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
5) The project shall comply with applicable noise guidelines of the federal Department of Housing and Urban Development and the Environmental Protection Agency.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
6) Applicant shall maintain a setback distance of 100 feet from the toe of McMicken Dam for any lattice tower or monopole structure related to the Project.	The accommodation of this requirement has been incorporated into initial project design.  Additional activities and documents related to this Condition will be

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
**West Valley – North Power Line and Substation Project**

Certificate Condition	Compliance
	provided when applicable.
7) The Applicant has consulted with the State Historic Preservation Office ("SHPO") and by letter dated January 6, 2005, SHPO determined that the Beardsley Canal (AZ T:6:5 ASTM) is eligible for inclusion in the State Register of Historic Places. In order to minimize impacts to properties considered eligible for inclusion in the State and National Register of Historic Places to the extent possible, the Applicant shall comply with SHPO's recommendations in the January 6, 2005 letter, including the recommendation that the project span the Beardsley Canal. A copy of this letter is Attachment B.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
8) If human remains and/or funerary objects are encountered during the course of any ground disturbing activities relating to the development of the subject property, Applicant shall cease work on the affected area of the Project and notify the Director of the Arizona State Museum in accordance with A.R.S. §41-865.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
9) Applicant shall consult an archaeologist during construction activities in applicable areas, as determined by SHPO, to advise them in connection with any additional archaeological studies that may be required and any mitigation efforts for archaeological sites that may be affected by the construction of the Project.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
10) After construction, the Applicant, in conjunction with any applicable land-managing agency, shall allow Arizona Site Stewards, a volunteer-staffed SHPO program, to periodically inspect the sites within the corridor for vandalism or other damage.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
11) The Applicant shall follow the Arizona State Land Department's instructions, if any, regarding the treatment of State Register of Historic Places- eligible properties situated on Arizona State Land Department land in consultation with SHPO.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
12) In consultation with SHPO and the land-managing agency, the Applicant will consider and assess potential direct and indirect impacts to eligible properties related to new access roads or any existing access roads that require blading.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.

**Arizona Public Service  
Summary of Certificate of Environmental Compatibility Compliance  
West Valley – North Power Line and Substation Project**

Certificate Condition	Compliance
13) Where practicable, the Applicant shall use existing roads for construction and access. The Applicant shall minimize vegetation disturbance outside of the power line right-of-way, particularly in drainage channels and along stream banks, and shall re-vegetate native areas of construction disturbance outside of the power line right-of-way after construction has been completed.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
14) The Applicant shall use non-specular conductor and dulled surfaces for transmission line structures.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
15) 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 or substation site. Such signage shall be no smaller than a normal roadway sign painted on materials of a color designed to attract attention. The Applicant shall place signs such that the public is notified along the full length of the transmission line until the transmission structures are constructed. There also must be signs at the location of the proposed substations. The signs shall advise: a) That the site has been approved for the construction of Project facilities including a 230kV transmission line, as applicable to the individual site; b) The size and location of the respective substation; c) The expected date of completion of the Project facilities; d) A phone number for public information regarding the Project; e) The name of the Project; f) The name of the Applicant; and g) The Applicant's website.	Signage consistent with the terms of Condition 15 has been installed in those areas for which right-of-way has been secured. Refer to Tab 15 for examples of the signs that have been installed for this project.
16) 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.	An extension of the term of the Certificate is not required as of this filing.

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
**West Valley – North Power Line and Substation Project**

Certificate Condition	Compliance
<p>17) Before construction on the Project may commence, the Applicant must file a construction mitigation and reclamation 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, revegetate to its original state any native area disturbed by construction of the Project outside of the power-line right-of-way, except for any road that may be necessary to access the transmission lines or substation sites for maintenance and repair. The goals of the plan will be to: Avoid impacts where practical; b) Where impacts are unavoidable, minimize impacts; and c) Focus on site preparation to facilitate natural processes of revegetation. Other key elements of the Plan, when not inconsistent with the respective land management agencies' or local owners' requirements, are to a) Emphasize final site preparation to encourage natural revegetation; b) Avoid (i.e., preserve), where practical, mature native trees; c) Stipulate a maximum construction corridor width; d) Reserve topsoil and native plant materials from right-of-way before grading, and distribute over the right-of-way after construction is complete; e) Imprint the reclaimed right-of-way to provide indentations to catch seed and water; f) Implement best management practices to protect the soil; g) Apply reclamation methods that have been proven effective in the desert environment; and h) Prevent, where applicable, the spread of noxious weeds or other undesirable species.</p>	<p>Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.</p>
<p>18) Applicant shall comply with the mitigation measures contained in the December 27, 2004 letter from Arizona Game and Fish Department to the Power Plant and Transmission Line Siting Committee which is attached as Exhibit C.</p>	<p>Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.</p>
<p>19) Applicant shall monitor all ground clearing/disturbance activities that could affect sensitive species or habitat. Where warranted, Applicant shall retain a qualified biologist to conduct pre-construction activities to minimize or prevent impacts to sensitive species or habitat. Specifically, Applicant shall survey or monitor for Sonoran desert tortoises. If desert tortoises are encountered during construction, the Applicant shall follow the Arizona Game &amp; Fish Department's Guidelines for Handling Sonoran Desert Tortoises.</p>	<p>Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.</p>
<p>20) Applicant shall salvage mesquite, ironwood, palo verde trees and saguaros removed during project construction activities consistent with Arizona's Native Plant Law and use the vegetation for reclamation in or near its original location.</p>	<p>Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.</p>

**Arizona Public Service  
Summary of Certificate of Environmental Compatibility Compliance  
West Valley – North Power Line and Substation Project**

Certificate Condition	Compliance
21) Applicant shall work with applicable jurisdictions to implement landscaping for the substation sites in accordance with municipal planning and zoning requirements.	Final design or construction for this project is not complete as of November 1, 2008; however, activities and documents related to this Condition will be provided when applicable.
22) The Applicant shall submit a self-certification letter annually, identifying which conditions contained in the Certificate have been met. Each letter shall be submitted to the Utilities Division Director on December 1, beginning in 2006. Attached to each certification letter shall be documentation explaining in detail how compliance with each condition was achieved. Copies of each letter, along with the corresponding documentation, also shall be submitted to the Arizona Attorney General and Department of Commerce Energy Office.	Submission of this letter and supporting detailed documents evidences compliance with this Condition.
23) With respect to the Project, Applicant shall participate in good faith in state and regional transmission study forums, and shall coordinate transmission expansion plans related to the Project to resolve transmission constraints in a timely manner.	The APS local transmission planning process is coordinated with other regional utilities, including Western Area Power Administration and Salt River Project through recurring quarterly joint-coordination meetings, as well as other day-to-day communication. This transparency has fostered the development of electric infrastructure that has maintained reliability and met load growth. In addition to its local planning process, APS coordinates its transmission planning with other transmission providers and stakeholders in the Desert Southwest, and the Western Interconnection as a whole, through its active participation in the Southwest Area Transmission (SWAT) planning group, membership in WestConnect, membership in the Western Electricity Coordinating Council (WECC) and participation in the WECC Transmission Expansion Planning Policy Committee (TEPPC) and its Technical Advisory Subcommittee (TAS).

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
**West Valley – North Power Line and Substation Project**

Certificate Condition	Compliance
25) Applicant shall work with the developers along the route to encourage them to include the identity and location of the certificated route in the developers' homeowners' disclosure statement.	APS provides support for developers regarding transmission facilities on its siting website at <a href="http://www.aps.com/siting">www.aps.com/siting</a> along with links to current and completed High Voltage transmission siting projects.
26) Applicant shall publish a copy of this certificate and the attachments on the Applicant's Project website within 10 days of approval of the Commission.	This information was previously provided in the 2006 compliance submittal under the Tab Marked Condition 26.

# **CONDITION 1**

### CONDITION 1

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

### COMPLIANCE

As of November 1, 2008, APS has applied for the following permits and approvals associated with the West Valley-North Project. The following table lists the status of these permits or approvals

ISSUING/APPROVING AGENCY	TYPE	APPLICATION/APPROVAL STATUS
Department of Energy – Western Area Power Administration	Permit	Application Submitted, 01/15/08
Bureau of Land Management	Right of Way	Application Submitted, 03/23/06
Bureau of Reclamation (CAP)	Right of Way	Application Submitted, 02/28/06
Arizona State Land Department	Right of Way	Completed, 03/15/07 Application Submitted, Additional Right-of-Way Required 10/26/06
Central Arizona Project	Right of Way	Application Submitted, 02/28/06
Flood Control District of Maricopa County	Permit	Submittal Pending
City of Peoria	Permit	Submittal Pending

# **CONDITION 15**

## **CONDITION 15**

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 or substation site. Such signage shall be no smaller than a normal roadway sign painted on materials of a color designed to attract attention. The Applicant shall place signs such that the public is notified along the full length of the transmission line until the transmission structures are constructed. There also must be signs at the location of the proposed substations. The signs shall advise: a) That the site has been approved for the construction of Project facilities including a 230kV transmission line, as applicable to the individual site; b) The size and location of the respective substation; c) The expected date of completion of the Project facilities; d) A phone number for public information regarding the Project; e) The name of the Project; f) The name of the Applicant; and g) The Applicant's website.

## **COMPLIANCE**

Signage consistent with the terms of Condition 15 has been installed in those areas for which right-of-way has been secured. Refer to Tab 15 for examples of the signs that have been installed for this project.



APPROVED

West Valley North 230KV

Transmission Line Project Right of Way



Expected Completion

2016-2017

For Information:

(602) 371-6255

<http://www.aps.com>