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AZ CORP COMMISSION
DOCKET CONTROL

November 25, 2015

Thomas Broderick, Director
Utilities Division
Arizona Corporation Commission
1200 W. Washington
Phoenix, AZ 85007

RE: Self-Certification of Environmental Compatibility for the West Valley South
Transmission Line Project, Decision No. 66646
Docket No. L-00000D-03-0122 - 00000

Pursuant to Decision No. 66646, dated December 22, 2003, Condition No. 20, Arizona
Public Service Company files this self-certification letter and documentation for the
West Valley South Transmission Line Project.

If you have any questions regarding this information, please contact Gregory Bernosky
at (602)250-4849.

Sincerely,

Kerri A. Carnes

KC/kr
Attachment

cc: Docket Control
Brian Bozzo
Thomas Chenal, Chairman, Arizona Power Plant & Transmission Line Siting Committee
Linda Brumm, Arizona Department of Administration, Grants and Federal
Resources/State of Arizona Energy Programs
Lisa Williams, Director, Arizona Department of Water Resources

Arizona Corporation Commission

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West Valley - South 230-kV Power Line and Substation Project

Docket No.

L-00000D-03-0122

Arizona Corporation Commission

Decision No. 66646

*Certificate of Environmental
Compatibility Compliance*

December 2015

Arizona Public Service
West Valley - South 230-kV Power Line and Substation Project

*Summary of Certificate of
Environmental Compatibility Compliance*

Introduction:

Arizona Public Service Company (APS) submits the following self-certification documentation pursuant to Condition 20 of the West Valley - South 230-kV Power Line and Substation Project, Certificate of Environmental Compatibility Case No. 122, Docket No. L-00000D-03-0122, Decision No. 66646 (December 22, 2003).

On June 27, 2013, the Arizona Corporation Commission voted to amend Decision No. 66646 Certificate Condition 3 to extend the authorization to construct both circuits of the approved transmission line (Decision No. 73937). The revised Condition 3 is reflected in the Condition Table on page three of this document.

Both circuits from the Liberty to Palm Valley to Rudd 230-kV to TS-3 went into commercial operation in June 2007. Construction was completed in 2015 for the first circuit of the segment of transmission line from the Palm Valley Substation to TS-2. The in-service date for the second circuit (Palm Valley Substation to TS-2) will be evaluated in future planning studies.

The following Condition Table lists all of the requirements and the status of compliance activities.

Arizona Public Service
 Summary of Certificate of Environmental Compatibility Compliance
 West Valley - South 230-kV Power Line and Substation Project (Case 122)

Condition 1

Certificate Condition	Action of Compliance
The Applicant shall obtain all required approvals and permits necessary to construct the Project.	Compliance with this Condition for the first phase of Project construction was documented in the 2007, 2014 and 2015 self-certification filings. A summary of permits and approvals is included with this filing.

Condition 2

Certificate Condition	Action of Compliance
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.	APS standard practice includes compliance with all existing standards, regulations, and ordinances where applicable.

Condition 3

Certificate Condition	Action of Compliance
The authorization to construct the Project shall expire on December 23, 2018 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 and other facilities shall expire on December 23, 2028. Prior to either such expiration the Applicant or its assignees may request that the Commission extend this time limitation.	Project was certificated on December 22, 2003 (Decision No. 66646). On June 27, 2013 (Decision No. 73937), this Condition was modified to extend the term of the Certificate five years for the first circuit of the Project to December 23, 2018 and extend the term for the second circuit and other facilities 10 years to December 23, 2028.

Condition 4

Certificate Condition	Action of Compliance
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. In addition to any transmission repairs, relevant corrective actions may include adjusting or modifying receivers; adjusting, repairing, replacing or adding antennas, antenna signal amplifiers, filters, or lead-in cables; or other corrective actions. 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 a lack of action.	APS's standard practice includes tracking and responding to complaints of interference with radio and television signals as they are submitted to APS.

Condition 5

Certificate Condition	Action of Compliance
The Project shall comply with applicable noise standards of the federal Department of Housing and Urban	APS standard design practices include compliance with applicable noise guidelines.

Development and the Environmental Protection Agency. 24 CFR §§ 51.102, 51.103 (1979); Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety, U.S. Environmental Protection Agency, Document 5519-74-004, U.S. Government Printing Office, 1974.

Condition 6

Certificate Condition	Action of Compliance
<p>The Applicant shall continue to consult with the State Historic Preservation Office ("SHPO") to reach a determination of any cultural or archaeological 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 impact, 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.</p>	<p>APS has complied with this Condition for construction that has been completed. APS will retain an environmental consultant to oversee the remaining phases (as appropriate) of the Project and make any necessary notifications.</p>

Condition 7

Certificate Condition	Action of Compliance
<p>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.</p>	<p>APS Standard practice includes compliance with A.R.S. § 41-865.</p>

Condition 8

Certificate Condition	Action of Compliance
<p>Applicant shall retain 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.</p>	<p>APS has complied with this Condition for construction that has been completed. APS will retain an environmental consultant to oversee the remaining phases (as appropriate) of the Project and make any necessary notifications.</p>

Condition 9

Certificate Condition	Action of Compliance
<p>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.</p>	<p>APS allows Arizona Site Stewards to inspect sites within transmission corridors following construction.</p>

Condition 10

Certificate Condition	Action of Compliance
<p>The Applicant shall follow the Arizona State Land Department's ("ASLD") instructions, if any, regarding the treatment of State Register of Historic Places eligible properties situated on ASLD land in consultation with SHPO.</p>	<p>APS has complied with this Condition. Cultural resources survey information was provided in the 2004 self-certification filing in response to Condition 6. The remaining portions of the Project do not include any State Land.</p>

Condition 11

Certificate Condition	Action of Compliance
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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.

APS has complied with this Condition for construction that has been completed. APS will retain an environmental consultant to oversee the remaining phases (as appropriate) of the Project and make any necessary notifications.

Condition 12

Certificate Condition	Action of Compliance
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 revegetate or restore native areas of construction disturbance.	APS has complied with this Condition for the first circuit of the Project. APS will comply, where practicable, with this Condition for the remaining portions of Project.

Condition 13

Certificate Condition	Action of Compliance
The Applicant shall use non-specular conductor and dulled surfaces for transmission line structures.	APS standard design practices include the use of non-specular and dulled surfaces for transmission structures.

Condition 14

Certificate Condition	Action of Compliance
<p>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 also must be signs at the location of the proposed substations. The signs shall advise:</p> <p>That the site has been approved for the construction of Project facilities including a 230kV transmission line, as applicable to the individual site;</p> <p>The expected date of completion of the Project facilities; and</p> <p>A phone number for public information regarding the Project.</p>	APS has complied with this Condition for the first circuit of the Project. APS continues to maintain signs at the substation locations.

Condition 15

Certificate Condition	Action of Compliance
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.	APS complied with this Condition when it applied for and was granted an extension of the CEC term in June 2013.

Condition 16

Certificate Condition	Action of Compliance
Before construction on the Project may commence, the Applicant must file a construction mitigation and restoration plan with the Commission's Docket Control	APS has complied with this Condition. APS provided information pertaining to the first phase of the Project in its 2007 self-certification filing.

Office 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 native 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.

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.

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

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

APS filed a construction mitigation and restoration plan with ACC Docket Control and affected areas of jurisdiction on September 19, 2014 for the remaining phases of construction on this Project.

Condition 17

Certificate Condition	Action of Compliance
Applicant shall monitor all ground clearing/disturbing construction activities that may affect sensitive habitat. If a special status species is encountered, Applicant shall retain a biological monitor to ensure proper actions are taken with regard to such species. If Sonoran desert tortoises are encountered during construction, the Applicant shall follow the Arizona Game and Fish Department's ("AGFD") Guidelines for Handling Sonoran Desert Tortoises.	APS has complied with this Condition for construction that has been completed. APS will retain an environmental consultant to oversee the remaining phases (as appropriate) of the Project and make any necessary notifications.

Condition 18

Certificate Condition	Action of Compliance
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.	APS standard practice includes adherence to the Arizona Native Plant Law, where applicable.

Condition 19

Certificate Condition	Action of Compliance
Applicant shall implement landscaping for the substation sites in accordance with the applicable municipal planning and zoning requirements.	APS continues to work with the City of Goodyear to finalize landscaping plans for the Palm Valley Substation.

Condition 20

Certificate Condition	Action of Compliance
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 Commission's Utilities Division Director on December 1, beginning in 2004. Attached to each certification letter shall be documentation explaining in detail how compliance with each Condition was	Compliance with this Condition is evidenced by the submission of this filing. The Governor's Office of Energy Policy, previously the Department of Commerce Energy Office, was transferred to the Arizona Department of Administration - Office of Grants and Federal Resources (ADOA-GFR), effective May 11, 2015. APS submits this filing to ADOA-GFR in compliance with

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.

this condition.

Condition 21

Certificate Condition	Action of Compliance
<p>With respect to the Project, Applicant shall participate in good faith in state and regional transmission study forums such as the Central Arizona Transmission Study and the Southwest Transmission Enhancement Plan, and shall coordinate transmission expansion plans related to the Project to resolve transmission constraints in a timely manner.</p>	<p>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). APS participates in the Central Arizona Transmission Study through the SWAT. The Southwest Transmission Enhancement Plan is no longer applicable and has been replaced by the SWAT.</p>

Condition 22

Certificate Condition	Action of Compliance
<p>The following Condition is to ensure transmission system safety and reliability when a transmission structure is placed within one hundred feet of a natural gas or hazardous liquid pipeline right-of-way, excluding distribution lines as defined by the Code of Federal Regulations, 49 C.F.R. Sect. 192.3 (2001). Under such circumstances, the Applicant shall:</p> <p>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 the studies shall be provided to the Commission 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 Commission written documentation of the actions that were taken and provide documentation showing that no material adverse impacts are occurring;</p> <p>b) Adopt a written mitigation plan outlining any and all steps taken to protect all electric facilities associated with the transmission line as a result of this Project from any potential hazards that could occur whenever a transmission line structure is placed 100 feet or less from any such pipeline right-of-way. The plan shall indicate what corrective action will be taken to mitigate any potential hazard that could occur. A potential hazard includes, but not limited to, a rupture or explosion resulting from the pipeline. The written mitigation plan shall be provided to the Commission by the Applicant as part of its compliance with this Certificate and shall be subject to approval from Commission Staff. Applicant shall implement the written mitigation plan during a hazard as part of its compliance with this Certificate.</p>	<p>APS has complied with this Condition as no transmission structures are located within one hundred feet of a natural gas or hazardous liquid pipeline right-of-way.</p>

Condition 23

Certificate Condition	Action of Compliance
<p>The Applicant shall provide copies of this Certificate to</p>	<p>APS has complied with this Condition. APS provided the</p>

SHPO, AGFD, appropriate city and county planning agencies, and ASLD.

necessary information in its 2004 self-certification filing.

Condition 24

Certificate Condition	Action of Compliance
Applicant, within 60 days of the issuance of the Certificate by the Commission, shall begin work with developers along the route to encourage them to include the identity and location of the certificated route in the developers' homeowners disclosure statement.	APS has complied with this Condition. APS provided the necessary information in its 2006 self-certification filing. APS provides information for developers regarding transmission facilities on its siting website at www.aps.com/siting along with links to current and completed High Voltage transmission siting Projects.

Condition 1

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

Compliance

As of November 1, 2015, APS has applied for the following permits and approvals associated with the West Valley - South 230-kV Power Line and Substation Project. The following table lists the status of these permits or approvals.

Issuing/Approving Agency	Type	Application/Approval Status
BNSF Railway	License	Issued 3/19/14 - License 14-49304
Maricopa County Flood Control District	Right of Way	FCD#2013P073 Approved 10/29/14
City of Goodyear	Utility Permit	14-2885 Issued 9/9/14
Federal Aviation Administration	Permit	Issued 12-30-2014, Determinations No.'s are 2014-AWP-8274-OE thru 2010-AWP-8397-OE