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November 30, 2015

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

RE: Self-Certification of Environmental Compatibility for the Palo Verde to TS-5 Substation 500-kV Transmission Line Project, Decision No. 68063
Docket No. L-00000D-05-0128-00000

Pursuant to Decision No. 68063, dated August 17, 2005, Condition No. 25, Arizona Public Service Company files this self-certification letter and documentation for the Palo Verde to TS-5 Substation 500-kV Transmission Line Project.

If you have any questions regarding this information, please contact me at (602)250-3341.

Sincerely,

Kerri A. Carnes

Arizona Corporation Commission

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KC/kr
Attachment

DOCKETED BY

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



Palo Verde Hub to Sun Valley (TS-5) 500-kV Transmission Line Project

Docket No.
L-00000D-05-0128-00000
Arizona Corporation Commission
Decision No. 68063

*Certificate of Environmental
Compatibility Compliance*

December 2015

Arizona Public Service
Palo Verde Hub to Sun Valley (TS-5) 500-kV Transmission Line Project

*Summary of Certificate of
Environmental Compatibility Compliance*

Introduction:

Arizona Public Service Company (APS) submits the following self-certification documentation pursuant to Condition 25 of the Palo Verde Hub to Sun Valley (TS-5) 500-kV Transmission Line Project, Certificate of Environmental Compatibility Case No. 128, Docket No. L-00000D-05-0128-00000, Decision No. 68063 (August 17, 2005).

On May 19, 2015, the Arizona Corporation Commission amended Condition 3 of Decision No. 68063 to extend the authorization to construct the portion of line from the Delaney Switchyard to the Sun Valley Substation to August 17, 2020 (see Decision No. 75081). The revised Condition 3 is reflected in the Condition Table.

Construction activities commenced in 2014 for this Project, including the transmission lines from Palo Verde to Delaney substation and from Delaney substation to Sun Valley substation. Delaney substation construction is also underway.

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
 Palo Verde Hub to Sun Valley (TS-5) 500-kV Transmission Line Project (Case 128)

Condition 1

Certificate Condition	Action of Compliance
The Applicant shall obtain all required approvals and permits necessary to construct the Project.	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 standards and regulations, and with all existing applicable ordinances, master plans and regulations of the County of Maricopa, the State of Arizona, the United States and any other governmental entities having jurisdiction including the Bureau of Land Management's Decision Record and Plan of Development.	APS standard practice includes compliance with all existing standards, regulations, and ordinances where applicable.

Condition 3

Certificate Condition	Action of Compliance
This authorization to construct shall expire (i) August 17, 2020 for that portion of the Project from the Delaney Switchyard to the Sun Valley Substation; and (ii) on August 17, 2025 for that portion of the Project from the Palo Verde Switchyard to the Delaney Switchyard, unless construction is completed to the point that the Project is capable of operating by that time; 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 August 17, 2005. On May 19, 2015, the Arizona Corporation Commission voted to amend Decision No. 68063 to extend the authorization to construct the portion of line from the Delaney Switchyard to the Sun Valley Substation from August 17, 2015 to August 17, 2020 (Decision No. 75081). The term for the transmission line from the Palo Verde Switchyard to the Delaney Switchyard remains unchanged (August 17, 2025).

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. 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 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 guidelines of the federal Department of Housing and Urban Development and the Environmental Protection Agency.	APS standard design practices include compliance with applicable noise guidelines.

Condition 6

Certificate Condition	Action of Compliance

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. The Applicant will provide to SHPO for review and approval a treatment plan (if necessary) to minimize impacts and shall continue to consult with SHPO to resolve any such impacts. The Applicant shall avoid or minimize impacts to properties considered eligible for inclusion in the State and National Register of Historic Places to the extent practicable. Prior to construction, the Applicant agrees to collect the three ceramic vessels identified as IOs 30, 58, and 65 in Section 3.4.2 of the Environmental Assessment (Exhibit B-1 in the application).

APS continues to comply with this Condition. Coordination and consultation with SHPO on the ASLD and BLM parcels are complete. In consultation with SHPO avoidance of the three ceramic vessels was deemed appropriate and the areas have been marked accordingly. APS has retained an environmental consultant (including an archeologist) to oversee the Project and ensure compliance with this Condition.

Condition 7

Certificate Condition	Action of Compliance
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.	APS standard practice includes compliance with A.R.S. § 41-865.

Condition 8

Certificate Condition	Action of Compliance
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.	APS has retained an environmental consultant (including an archeologist) to oversee the Project and ensure compliance with this Condition.

Condition 9

Certificate Condition	Action of Compliance
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 archeological sites within the corridor for vandalism or other damage.	APS allows Arizona Site Stewards to inspect sites within transmission corridors following construction.

Condition 10

Certificate Condition	Action of Compliance
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 Arizona State Land Department land in consultation with SHPO.	No eligible properties are affected by this right-of-way; therefore, no treatment plan is required.

Condition 11

Certificate Condition	Action of Compliance
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 reseed native areas of construction disturbance outside of the power line right-of-way after construction has been completed.	Compliance with this Condition is addressed in the Plan of Development filed with ACC Docket Control on September 26, 2014.

Condition 12

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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 13

Certificate Condition	Action of Compliance
<p>Within 45 days of securing easement or right of way for the Project on private property, 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 printed on materials of 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 must also be signs at the location of the proposed switchyards. The signs shall advise:</p> <ul style="list-style-type: none"> • that the site has been approved for the construction of Project facilities including a 500kV transmission line, as applicable to the individual site; • the size and location of the respective switchyard; • the expected date of completion of the Project facilities; • a phone number for public information regarding the Project; • the name of the Project; • the name of the Applicant; and • the Applicant's website. 	Signage has been installed in those areas for which right-of-way has been secured.

Condition 14

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 adjacent to the right-of-way for 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 May 2015.

Condition 15

Certificate Condition	Action of Compliance
Before construction on this Project may commence, the Applicant must file a Plan of Development approved by the Bureau of Land Management ("BLM") with ACC Docket Control with copies to affected areas of jurisdiction. Applicant will comply with the BLM's Standard Construction and Operating Procedures and Mitigation Measures (Attachment B).	APS has complied with this Condition. A Plan of Development approved by the Bureau of Land Management ("BLM") was filed with ACC Docket Control with copies sent to affected areas of jurisdiction on September 26, 2014.

Condition 16

Certificate Condition	Action of Compliance
Applicant will provide AGFD with the draft Plan of Development for comment.	APS has complied with this Condition. This information was previously provided in the 2006 self-certification filing.

Condition 17

Certificate Condition	Action of Compliance

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 BLM's *Strategy for Desert Tortoise Habitat Management on Public Lands in Arizona*.

APS has retained an environmental consultant (including a biologist) to oversee the Project and ensure compliance with this Condition.

Condition 18

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

Condition 19

Certificate Condition	Action of Compliance
Applicant shall work with the applicable jurisdictions to implement landscaping for the switchyard sites in accordance with municipal planning and zoning requirements.	This Condition is not applicable because Delaney Switchyard is located in Maricopa County which does not have planning and zoning requirements for switchyards.

Condition 20

Certificate Condition	Action of Compliance
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.	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).

Condition 21

Certificate Condition	Action of Compliance
Applicant shall provide copies of this Certificate to appropriate city and county planning agencies, the county board of supervisors, mayor, and town council of appropriate cities, the Arizona Department of Real Estate ("ADRE"), SHPO, AGFD and ASLD.	APS has complied with this Condition as reported in APS's 2006 self-certification filing.

Condition 22

Certificate Condition	Action of Compliance
Prior to the date this transmission line is put into commercial service, Applicant shall provide homebuilders and developers within one mile of the center line of the certificated route the identity, location and a pictorial depiction of the type of power line being constructed, accompanied by a written description, and encourage the developers and homebuilders to include this information in the developers' and homebuilders' homeowners' disclosure statement.	APS has complied with this Condition as reported in APS's 2006 self-certification filing.

Condition 23

Certificate Condition	Action of Compliance
Applicant shall publish a copy of this certificate and the attachments on Applicant's Project website within 10 days of the approval of the Commission.	APS has complied with this Condition as reported in APS's 2006 self-certification filing.

Condition 24

Certificate Condition	Action of Compliance
<p>Applicant shall pursue good faith efforts to reach a commercially reasonable agreement for interconnection at a new Arlington Valley 500kV Switchyard and/or a new Harquahala Junction 500kV Switchyard. Applicant shall file with the ACC Utilities Division no later than December 31, 2005, a report summarizing its efforts, the option(s) ultimately selected, and the reasons other option(s) were not selected. Applicant will not sign an Interconnection Agreement to interconnect at the Palo Verde Switchyard until completion of the above requirements.</p>	<p>APS has complied with this Condition. A status update was provided on December 30, 2005 summarizing APS efforts. APS filed a letter in the Docket on February 15, 2010, which provided notification of the interconnection location.</p> <p>The Harquahala Junction 500-kV Switchyard has been renamed the Delaney Substation.</p>

Condition 25

Certificate Condition	Action of Compliance
<p>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, shall also be submitted to the Arizona Attorney General and Department of Commerce Energy Office.</p>	<p>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 this condition.</p>

Condition 26

Certificate Condition	Action of Compliance
<p>If any archaeological, paleontological or historical site or object that is at least fifty years old is discovered on state, county or municipal land during plan-related activities, the person in charge shall promptly report the discovery to the Director of the Arizona State Museum, and in consultation with the Director, shall immediately take reasonable steps to secure and maintain the preservation of the discovery pursuant to ARS §41-844.</p>	<p>APS standard practice includes compliance with A.R.S. § 41-844.</p>

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 Palo Verde Hub to Sun Valley (TS-5) 500-kV Transmission Line Project. The following table lists the status of these permits or approvals.

Issuing/Approving Agency	Type	Application/Approval Status
Department of Energy (WAPA)	Permit	Approved 3/13/09 License Agreement DOE-123
Bureau of Land Management	Right of Way	Approved 1/11/06 AZA-32639, 30 Yr . Approved 11/2012 AZA-32639-02 Temp areas and roads. POD Approved, Notice to Proceed 12/2013
Bureau of Reclamation (CAP)	Permit	Approved CAP/BOR - Issued LAND USE AND CONSTRUCTION PERIOD LICENSE Aug 1, 2014 , 25 yr Approval
Arizona State Land Department	Right of Way	Trans. Line: Issued 12/23/08 14-108519, Amendment East of substation approved Aug 2014 , Subst. Road: Issued 6/25/09 18-112151 . 16-111397 Issued 12-23-2008
Arizona Department of Transportation	Permit	Issued 11/2014
Maricopa County	Grading and Drainage Permit	Issued 2/23/11
Maricopa County	Stormwater Pollution Prevention Plan	Issued 3/1/11
Army Corps of Engineers	404 Permit	Issued 3/11/11
Arizona State Land Department	Temporary Road Access and Pull Areas	ASLD #17-112762 approved April 2014
Maricopa County DOT	Tonopah Laydown Yard Temporary Access Permit-Trackout	TC201401068 Issued 10/21/14
Maricopa County	Tonopah Laydown Yard Temporary Use Permit	TU2014014 Issued 10/14/14
Maricopa County DOT	ROW Encroachment Permit	TC201400501 Issued 5/13/15
Maricopa County DOT	ROW Encroachment Permit	TC201500502 Issued 5/13/15
Maricopa County DOT	ROW Encroachment Permit	TC201500503 Issued 5/13/15
Maricopa County	Temporary Laydown Yard (Redhawk)	TC2015003 Issued 3/19/15
Arizona Department of Transportation	Highway Encroachment Permit	1213354 Issued 8/27/15
Federal Aviation Administration	Determination of No Air Hazard to Air Nav	2015-AWP-2787-OE thru 2930 Approved 6-10-2015