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**APS**

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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 Palo Verde to North Gila 500kV  
Transmission Line Project, Decision 70127  
DOCKET NO. L-00000D-07-0566-00135

Dear Mr. Johnson:

Pursuant to Decision No. 70127 dated January 23, 2008, Condition No. 16, Arizona Public Service is hereby filing its self-certification letter and documentation for the Palo Verde to North Gila 500kV Transmisison Line 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

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Arizona Corporation Commission  
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**Palo Verde to North Gila 500kV  
Transmission Line Project**

Docket No. L-00000D-07-0566-00135  
Arizona Corporation Commission  
Decision No. 70127

***Certificate of Environmental  
Compatibility Compliance***

December 2008

ARIZONA PUBLIC SERVICE  
PALO VERDE TO NORTH GILA 500kV TRANSMISSION LINE PROJECT

*Summary of Certificate of Environmental Compatibility  
Compliance*

**INTRODUCTION:**

Arizona Public Service Company (APS) is submitting the following self-certification documentation pursuant to Condition 16 of the Palo Verde to North Gila 500kV Transmission Line Project, Certificate of Compatibility Case No. 135, Docket No. L-00000D-07-0566-00135, Decision No. 70127.

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**  
**Palo Verde Hub to North Gila 500kV Transmission Project**

Certificate Condition	Compliance
1. The Applicant shall obtain all required approvals and permits necessary to construct 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.
2. The Applicant shall comply with all existing applicable ordinances, master plans and regulations of the State of Arizona, the County of Maricopa, the County of Yuma, the United States, and any other governmental entities having jurisdiction.	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.
3. This authorization to commence construction of the Project shall expire seven years from the date the Certificate is approved by the Commission; provided, however, that prior to such expiration the Applicant or its assignees may request that the Commission extend this time limitation.	Project was certificated January 23, 2008. Authorization to construct the Project expires January 23, 2015. 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.	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 the following recommendations of the Arizona Game and Fish Department ("AGFD"):  (a) Wildlife data collected by the biological monitor will be given to the AGFD's Heritage Data Management System.  (b) Where possible, leave large vegetation intact to reduce habitat impact and promote regeneration.  (c) Coordinate plant salvage efforts with the Arizona Department of Agriculture, in accordance with the Arizona Native Plant Law. In addition, the applicable land management agencies should be consulted regarding guidelines for revegetation efforts.	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**  
***Palo Verde Hub to North Gila 500kV Transmission Project***

Certificate Condition	Compliance
6. Pursuant to A.R.S. 41-844, 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 all reasonable steps to secure and maintain the preservation of the discovery. If human remains and/or funerary objects are encountered on private land 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 pursuant to A.R.S. § 4 1-865.	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.
7. The Applicant: shall design the transmission lines so as to mitigate impacts to raptors.	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. 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.

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
**Palo Verde Hub to North Gila 500kV Transmission Project**

Certificate Condition	Compliance
<p>9. Within 120 days of the Commission decision granting this Certificate, Applicant will post signs in public rights-of-way giving notice of the Project corridor to the extent authorized by law. 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. The signs shall advise:</p> <p>(a) That the site has been approved for the construction of Project facilities;</p> <p>(b) The expected date of completion of the Project facilities;</p> <p>(c) A phone number for public information regarding the Project;</p> <p>(d) The name of the Project;</p> <p>(e) The name of the Applicant; and</p> <p>(f) The Applicant's website.</p> <p>Sign placement will be reported annually in accordance with Condition 16.</p>	<p>APS posted signage in public rights-of-way on April 30, 2008 giving notice of the project corridor. An example of these signs, as well as a map identifying the locations of these signs, is included behind the Tab marked Condition 9.</p>
<p>10. 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 of the Project corridor 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.</p>	<p>An extension of the term of the Certificate is not required as of this filing.</p>
<p>11. Before construction on this Project may commence, the Applicant must file a Plan of Development approved by the Bureau of Land Management ("BLM") with Docket Control with copies to the affected areas of jurisdiction. Applicant will comply with the BLM's Standard Construction and Operating Procedures and Mitigation Measures and Other Mitigation Measures as outlined in the Finding of No Significant Impact, attached hereto 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>12. Applicant shall retain a qualified biologist to monitor all ground clearing/disturbing construction activities that may affect sensitive species or habitat. The biological monitor will be responsible for ensuring proper actions are taken if a special status species is encountered. If Sonoran desert tortoises are encountered during construction, the Applicant shall follow the AGFD'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>

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
**Palo Verde Hub to North Gila 500kV Transmission Project**

Certificate Condition	Compliance
<p>13. With respect to the Project, Applicant shall participate in good faith in state and regional transmission study forums to coordinate transmission expansion plans related to the Project and to resolve transmission constraints in a timely manner.</p>	<p>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).</p>
<p>14. The Applicant shall provide copies of this Certificate to the Yuma County Planning and Zoning Commission, the Maricopa County Planning and Development Department, the Arizona State Land Department, the State Historic Preservation Office, and AGFD.</p>	<p>The CEC was published on the APS siting website (<a href="http://www.aps.com/siting">www.aps.com/siting</a>) within 10 days of receiving the CEC. In addition, each of the jurisdictions and agencies were sent individual copies (via hardcopy) of the CEC approval on January 28, 2008.</p>
<p>15. Prior to the date this transmission line is put into commercial service, the Applicant shall provide homebuilders and developers within one mile of the center line of the Certificate 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 statements.</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  
Palo Verde Hub to North Gila 500kV Transmission Project**

Certificate Condition	Compliance
16. The Applicant shall submit a self-certification letter annually, identifying progress made with respect to each condition contained in the Certificate, including which conditions have been met. Each letter shall be submitted to the Utilities Division Director on December 1 beginning in 2008. Attached to each certification letter shall be documentation explaining how compliance with each condition was achieved. Copies of each letter along with the corresponding documentation shall be submitted to the Arizona Attorney General and Department of Commerce Energy Office. The requirement for the self-certification shall expire on the date the Project is placed into operation.	Compliance with this Condition is evidenced by the submission of this filing.
17. Applicant shall work in good faith with the Yuma Proving Ground commanding officer regarding the final right-of-way on that portion of the route within the Yuma Proving Ground.	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.
18. Within the Project area, construction activities will avoid to the extent practicable designated wildlife water sources to allow free access by Bighorn Sheep.	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.
19. Applicant shall conform to Western Electricity Coordinating Council/North American Electric Reliability Corporation N-1 and N-1-1 contingency planning criteria. N-1 contingency shall not result in any load dropping or generation tripping.	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.
20. Except when entering switchyards and substations, the minimum spacing between the center lines of the two 500 kV systems should be the greater of: 1) 130 feet; or 2) the height of the tallest tower involved in that particular span.	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**  
**Palo Verde Hub to North Gila 500kV Transmission Project**

Certificate Condition	Compliance
<p>21. Before commencing construction of Project facilities located within 100 feet of any existing natural gas or hazardous liquid pipeline, the Applicant shall:</p> <p>(a) Perform the appropriate grounding and cathodic protection studies to show that the Project's location within 100 feet of such pipeline results in no material adverse impacts to the natural gas or hazardous liquid pipeline or to public safety when both are in operation. As a compliance matter, a report of studies shall be provided to the Commission Staff. If material adverse impacts are noted in the studies, Applicant shall take appropriate steps to ensure that such material adverse impacts are eliminated. Applicant shall provide to the Commission Staff written documentation of the actions that will be taken and documentation showing no material adverse impact will occur; and,</p> <p>(b) Perform a technical study simulating an outage of the facility that may be caused by the collocation of the Project within 100 feet of the existing natural gas or hazardous liquid pipeline. This study should either: i) show that such outage does not result in customer outages; or ii) include operating plans to minimize any resulting customer outages. Applicant shall provide a copy of this study to Commission Staff.</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>22. Applicant shall pursue good faith efforts to reach a commercially reasonable agreement for interconnection at a new Arlington Valley 500kV switchyard. Applicant shall file with the Commission Utilities Division no later than December 31, 2010, a report summarizing its efforts, the option(s) ultimately selected, and the reasons other option(s) were not selected.</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>

# **CONDITION 9**

## **CONDITION 9**

Within 120 days of the Commission decision granting this Certificate, Applicant will post signs in public rights-of-way giving notice of the Project corridor to the extent authorized by law. 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. The signs shall advise:

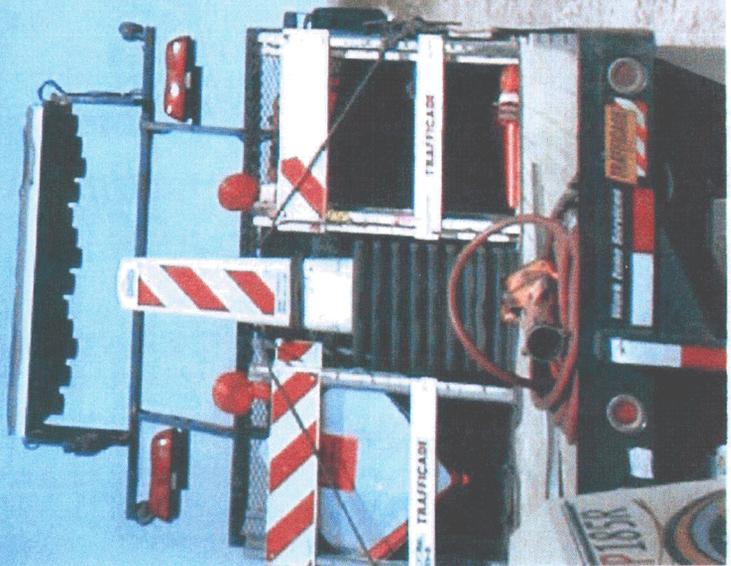
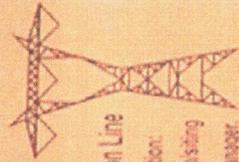
- (a) That the site has been approved for the construction of Project facilities;
- (b) The expected date of completion of the Project facilities;
- (c) A phone number for public information regarding the Project;
- (d) The name of the Project;
- (e) The name of the Applicant; and
- (f) The Applicant's website.

Sign placement will be reported annually in accordance with Condition 16.

## **COMPLIANCE**

APS posted signage in public rights-of-way on April 30, 2008 giving notice of the project corridor. The locations of the signs are illustrated on the following and map.

Future Power Line Corridor  
Arizona Public Service Co.  
Palo Verde Hub To  
North Substation  
500kV Transmission Line  
For Additional Information:  
Website: [www.aps.com/sling](http://www.aps.com/sling)  
Phone: APS Project Manager  
Paul Herndon, 623-932-6729  
Estimated Completion: 2012





**BOUNDARY**  
 Arizona State Land Department, 2009  
 Bureau of Land Management, 2008  
 BLM, Inc., 2008  
 Geonames, 2004  
 Geonames, 2004  
 Geonames, 2004  
 Maricopa County Planning & Development Department, 2004  
 Yuma County Department of Development Services, 2004

CONTINUED FROM 101 (REV)

**LEGEND**

Land Ownership	CEC Hearing Sign Location
Bureau of Land Management	
Department of Defense	
State Lands	
State Wildlife Area	
Private	
<b>BASE FACILITIES</b>	
Project Footprint	Existing Utilities
Proposed 500KV Area	500KV Transmission Line
Proposed 230KV Transmission Line	230KV Transmission Line
BLM-Designated Utility Corridor	181KV Transmission Line
Link Node	181KV Transmission Line
Link Number	Substation
Power Plant/Switchyard	
<b>General Reference Features</b>	
State Boundary	Natural Gas Pipeline
County Boundary	Petroleum Pipeline
Military Boundary	
Wildlife Refuge Boundary	
Wilderness Area Boundary	
Wilderness Area Boundary	
Road/Stream/Arroyo	

**PALO VERDE TO NORTH GILA TRANSMISSION LINE PROJECT**

**CEC Hearing Sign Locations**

October 2007