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Susan Casady  
Regulatory Programs Leader  
State Regulation

Tel. 602-250-2709  
Fax 602-250-3003  
e-mail Susan.Casady@aps.com

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

December 1, 2010

Arizona Corporation Commission  
DOCKETED

DEC 1 2010

DOCKETED BY *[Signature]*

Steve Olea, Director  
Utilities Division  
Arizona Corporation Commission  
1200 W. Washington  
Phoenix, AZ 85007

RE: Self-Certification of Environmental Compatibility for the Sundance to Pinal South 230-kv Transmission Line Project, Decision No. 70325  
Docket No. L-00000D-07-0682-00136

Pursuant to Decision No. 70325, dated April 29, 2008, Condition No. 16, Arizona Public Service Company files this self-certification letter and documentation for the Sundance to Pinal South 230-kv Transmission Line Project.

If you have any questions regarding this information, please contact Jennie Vega at (602)250-2038.

Sincerely,

*Susan Casady*

Susan Casady

SC/sl  
Attachment

cc: Docket Control  
Brian Bozzo  
John Foreman, Arizona Power Plant & Line Siting Committee  
Jim Arwood, Arizona Department of Commerce Energy Office  
Herb Guenther, Arizona Department of Water Resources

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2010 DEC -1 P 4: 30  
AZ CORP COM  
DOCKET CONTROL



**Sundance to Pinal Central  
(South) 230-kV  
Transmission Project**

Docket No. L-00000D-07-0682-00136  
Arizona Corporation Commission  
Decision No. 70325

***Certificate of Environmental  
Compatibility Compliance***

December 2010

**ARIZONA PUBLIC SERVICE  
SUNDANCE TO PINAL CENTRAL (SOUTH)  
230-kV TRANSMISSION 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 Sundance to Pinal Central (South) 230-kV Transmission Project, Certificate of Compatibility Case No. 136, Docket No. L-00000D-07-0682-00136, Decision No. 70325 (April 29, 2008).

APS has completed the first phase of construction, confined to the Sundance Generating Station (Sundance) site, which includes the line route from the existing Western Area Power Administration 230-kV substation to a new 230/69-kV substation located on APS property. Subsequent compliance filings will address future phases of project development prior to the start of construction of those segments.

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

**Arizona Public Service**  
**Summary of Certificate of Environmental Compatibility Compliance**  
*Sundance to Pinal Central (South) 230-kV Transmission Project (Case 136)*

Certificate Condition	Compliance
1) 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.
2) The Applicant shall comply with all existing applicable ordinances, master plans and regulations of the State of Arizona, the County of Pinal, the United States, and any other governmental entities having jurisdiction.	APS standard practice includes compliance with all existing standards, regulations, and ordinances where applicable. Future permitting activities will be added as applicable.
3) This authorization to commence construction of the Project shall expire seventeen 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 April 29, 2008. Authorization to construct the Project expires April 29, 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 lines 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.	APS standard practice includes tracking and responding to complaints of interference with radio and television signals as they are submitted to APS.
5) The Applicant shall comply with the notice and salvage requirements of the Arizona Native Plant Law and shall, to the extent feasible, minimize the destruction of native plants during Project construction.	APS standard practice includes adherence to the Arizona Native Plant Law, where applicable.

<p>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. § 41-865.</p>	<p>Final design has not been completed for the remaining phases of the Project as of November 1, 2010; however, activities and documents related to this Condition will be provided, if applicable, in future annual compliance filing.</p>
<p>7) The Applicant shall design the transmission lines so as to mitigate impacts to raptors.</p>	<p>APS standard design practices include efforts to minimize the risk to raptors.</p>
<p>8) The Applicant shall use non-specular conductor and dulled surfaces for transmission line structures.</p>	<p>APS standard design practices include the use of non-specular and dulled surfaces for transmission structures.</p>
<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. 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. To the extent practicable, 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 signs shall advise:</p> <ul style="list-style-type: none"> <li>(a) That the site has been approved for the construction of Project facilities;</li> <li>(b) The expected date of completion of the Project facilities;</li> <li>(c) A phone number for public information regarding the Project;</li> <li>(d) The name of the Project;</li> <li>(e) The name of the Applicant; and</li> <li>(f) The Applicant's website.</li> </ul> <p>Sign placement will be reported annually in accordance with Condition 16.</p>	<p>APS posted signage in public rights-of-way on August 14, 2008 giving notice of the Project corridor. An example of these signs, as well as a map identifying the locations of the signs was submitted in the 2008 filing.</p> <p>APS has obtained additional private right-of-way for the Project during this filing cycle. Signs were erected within the 45 day timeframe as required. A picture of the sign is included with this filing.</p>
<p>10) Before construction on this Project may commence, the Applicant must file a construction mitigation and restoration plan ("Plan") with ACC Docket Control. Where practicable, the Plan shall specify that the Applicant use existing roads for construction and access, minimize impacts to wildlife, minimize vegetation disturbance outside of the Project</p>	<p>A Construction Mitigation and Restoration Plan for the initial phase of the Project was filed with ACC Docket Control on November 10, 2009. An addendum to this plan will be submitted at such time that subsequent phases of the Project are constructed.</p>

right-of-way, and revegetate native areas following construction disturbance.	
11) 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.	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).
12) The Applicant shall provide copies of this Certificate to Pinal County Planning and Development, the Arizona State Land Department, the State Historic Preservation Office, and the Arizona Game and Fish Department.	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 certified mail) of the CEC approval on June 26, 2008.
13) Prior to the date this transmission line is put into commercial service, the Applicant shall provide known 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.	APS has complied with this Condition for the initial phase of the transmission line. Examples of the documents which were sent to homebuilders and developers are included with this filing. Additional notifications will be delivered to homebuilders and developers to correspond with subsequent phases of construction.
14) The Applicant will not construct the Project on any portion of the existing Pinal County Fairgrounds, a 120+/- acre parcel, owned by Pinal County, described as N1/2 SE 1/4 and the SE1/4 NE1/4 Section 25, T6S, R7E, G&SRB&M, Pinal County, Arizona, without the prior written consent of Pinal County.	Final design or construction for the Project is not complete as of November 1, 2010; however, activities and documents related to this Condition will be provided, if applicable, in a future annual compliance filing.
15) Before commencing construction of Project facilities located parallel to and within 100 feet of any existing natural gas or hazardous liquid pipeline, the Applicant shall: (a) Perform the appropriate grounding and cathodic protection studies to show that the Project's location parallel to and within 100 feet of such pipeline results in no material adverse impacts to the pipeline or to public safety when both the pipeline and the Project are in operation. If material adverse impacts are noted in the studies, Applicant shall take appropriate steps to ensure that such material adverse impacts are mitigated. Applicant shall provide to Commission Staff reports of studies performed; and	The initial phase of the Project has a single perpendicular crossing of an existing natural gas pipeline; therefore no studies are required per this Condition. APS has determined that no negative impacts to the pipeline would occur from the presence of the Project nor would there be any electrical customer outages resulting from an outage of the gas pipeline.

<p>(b) Perform a technical study simulating an outage of the Project that may be caused by the collocation of the Project parallel to and 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 has not been completed for the remaining phases of the Project as of November 1, 2010; however, activities and documents related to this Condition will be provided, if applicable, in a future annual compliance filing.</p>
<p>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.</p>	<p>Compliance with this Condition is evidenced by the submission of this filing.</p>
<p>17) Applicant will follow the latest Western Electricity Coordinating Council/North American Electric Reliability Corporation Planning standards as approved by the Federal Energy Regulatory Commission, and National Electrical Safety Code construction standards.</p>	<p>APS standard design practice incorporates the Western Electricity Coordinating Council/North American Electric Reliability Corporation Planning, Federal Energy Regulatory Commission, and National Electrical Safety Code to meet their approved planning standards.</p>

**CASE 136**  
**Sundance to Pinal Central (South) 230-kV**

**CONDITION 1**

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

**COMPLIANCE**

As of November 1, 2010, APS has applied for the following permits and approvals associated with the Sundance to Pinal Central (South) 230-kV Project. The following table lists the status of these permits or approvals

<b>ISSUING/APPROVING AGENCY</b>	<b>TYPE</b>	<b>APPLICATION/APPROVAL STATUS</b>
Arizona State Land Department	Transmission Line Rights-of-Way	Completed 8/10/2010

**CASE 136**  
**Sundance to Pinal Central (South) 230-kV**

**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. 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. To the extent practicable, 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 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 August 14, 2008 giving notice of the project corridor. An example of these signs, as well as a map identifying the locations of the signs was submitted in the 2008 filing.

APS has obtained an additional private right-of-way for the project during this filing cycle. Signs were erected within the 45 day timeframe as required. A picture of the sign is attached.

**APS**  
**APPROVED**  
Sundance to Pinal Central 230kV  
Transmission Line Project Right of Way



Expected completion:  
2011-2014

For information:  
(602) 371-7033  
<http://SITING.APS.COM>

10.12.2010

**CASE 136**  
**Sundance to Pinal Central (South) 230-kV**

**CONDITION 13**

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 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 statements.

**COMPLIANCE**

APS has complied with this Condition for the initial phase of the transmission line. Examples of the documents that were sent to homebuilders and developers are attached. Additional notifications will be delivered to homebuilders and developers to correspond with subsequent phases of construction.



A subsidiary of Pinnacle West Capital Corporation

Deborah Sarceda  
Construction Project Planner  
Transmission Construction Projects

Phone: 602.328.1884  
Mobile: 602.316.9866  
Fax: 602.371.5180

Email: deborah.sarceda@aps.com  
2124 W. Cheryl Dr., MS 3371  
Phoenix, AZ 85021p

February 12, 2010

XXXXXXXXXX  
XXXXXXXXXX  
XXXXXXXXXX

RE: **Information for Public Disclosure Statements by Developers and Homebuilders  
Sundance to Pinal Central 230kV Transmission Project, ACC Decision No. 70325**

In April of 2008, APS was granted a Certificate of Environmental Compatibility (CEC) by the Arizona Corporation Commission (ACC) to construct a new 230kV transmission line and from the Sundance Generating Station to the future Pinal Central Substation, located near State Route 287 and Eleven Mile Corner Road.

The purpose of this letter is to inform you that APS is planning to build a small portion of this line beginning in April, 2010, with completion expected two months after the start date. Construction of new 230kV transmission facilities will be limited to the Sundance Generating Station property, located generally at the northwest corner of Randolph and Tweedy Roads. The attached site plans indicate the location of transmission lines that will be constructed in 2010. Subsequent portions of the transmission line will be built at a future point in time, in advance of the current overall project in-service date of 2014.

The CEC issued to APS includes a series of pre-construction and development conditions, including Condition 13, which states that:

*"Prior to the date this transmission line is put into commercial service, the Applicant shall provide known 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."*

In order for APS to comply with this condition, this correspondence, along with the other required information, is being sent to you. This is in addition to any information that APS may have provided during our public process and the hearings before the Arizona Power Plant and Transmission Line Siting Committee. APS also maintains a Siting web site at [www.aps.com/siting](http://www.aps.com/siting) that includes information on existing and recently completed line siting projects. The site includes a link to the Arizona Department of Real Estate (ADRE). As indicated by Condition 13, APS strongly encourages you to include information regarding our proposed 230kV transmission facilities in any disclosure information that you may produce for your planned developments and subdivisions.

Newly designed facilities are part of APS' overall plan to ensure reliable electric service for customers as well as provide for the electric energy needs of future developments planned for this area. At APS,

we take our responsibilities for providing safe, reliable electricity seriously. Please feel free to contact me directly by phone or e-mail if there are any questions.

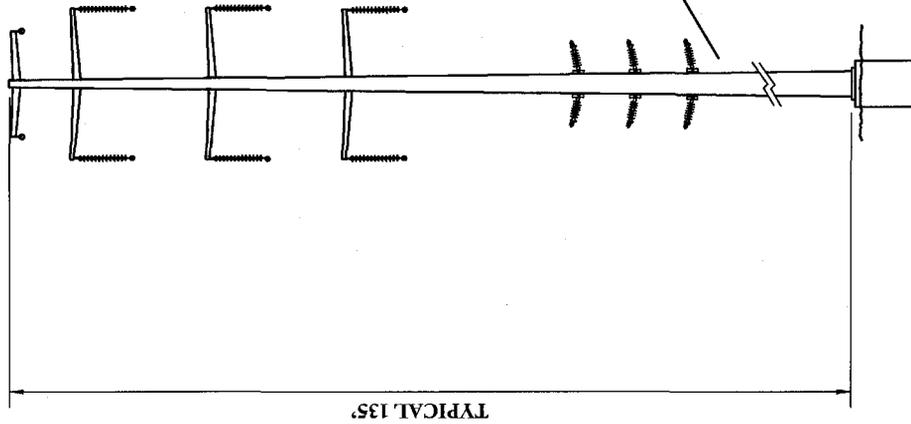
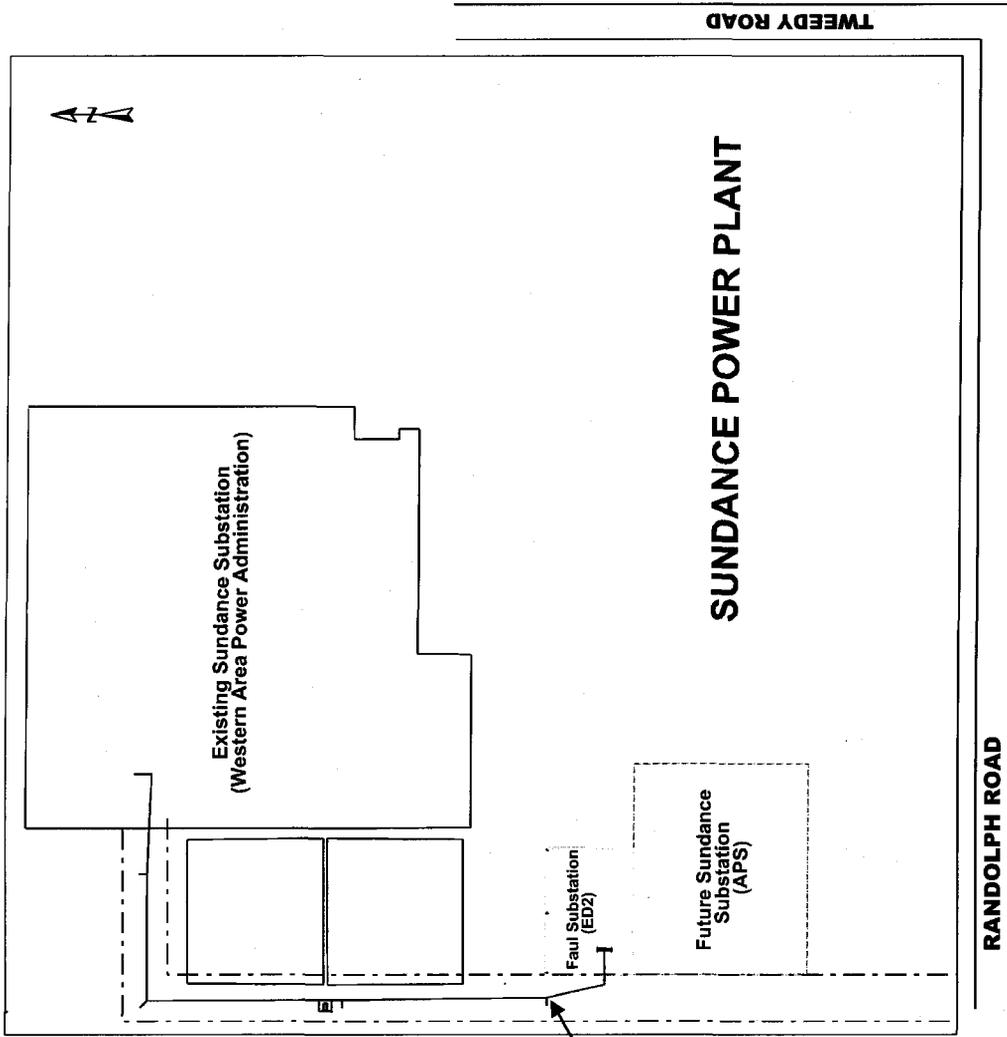
Sincerely,

Deborah Sarceda  
TCP Project Planner

Enclosure: Site Plan with Legal Description  
Attachment "A" pictorial of power line



# Attachment A



**Typical 230kV  
Transmission Line To Be  
Built**