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BEFORE THE ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE

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IN THE MATTER OF THE APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY, IN CONFORMANCE WITH THE REQUIREMENTS OF ARIZONA REVISED STATUTES §§ 40-360, et seq., FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AUTHORIZING THE SUNDANCE TO PINAL SOUTH 230kV TRANSMISSION PROJECT, WHICH ORIGINATES AT THE SUNDANCE GENERATING STATION, SECTION 2, TOWNSHIP 6 SOUTH, RANGE 7 EAST, AND TERMINATES AT THE FUTURE PINAL SOUTH SUBSTATION, SECTION 30, TOWNSHIP 6 SOUTH, RANGE 8 EAST, IN PINAL COUNTY, ARIZONA.

Docket No.

L-00000D-07-0682-00136

Case No. 136

NOTICE OF FILING CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY

The Arizona Power Plant and Transmission Line Siting Committee hereby gives notice of filing its decision and order, approving the application of Arizona Public Service Company, for a Certificate of Environmental Compatibility.

The Decision and Order are in the form attached hereto.

Dated this 15th day of February, 2008.

Arizona Corporation Commission DOCKETED

FEB 15 2008

DOCKETED BY [Signature]

ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE

By: [Signature] Jennifer A. Boucek Chairman

1 Pursuant to A.A.C. R14-3-204,
2 the Original CEC and the original and
3 twenty-five copies of this Notice were
4 filed this 15th day of February, 2008, with:

5 Docket Control
6 Arizona Corporation Commission
7 1200 West Washington Street
8 Phoenix, AZ 85007

9 COPIES of the foregoing Notice
10 mailed/hand-delivered this
11 15th day of February, 2008, to:

12 Thomas H. Campbell, Esq.
13 Bert Acken, Esq.
14 Lewis and Roca, LLP
15 Two Renaissance Square, Suite 1900
16 40 North Central Avenue
17 Phoenix, AZ 85004

18 Charles H. Hains
19 Legal Division
20 Arizona Corporation Commission
21 1200 West Washington Street
22 Phoenix, AZ 85007

23 Steve Olea
24 Utilities Division
25 Arizona Corporation Commission
26 1200 West Washington Street
Phoenix, AZ 85007

Lawrence V. Robertson, Jr., Esq.
P.O. Box 1448
Tubac, AZ 85646

Court Rich, Esq.
6613 N. Scottsdale Road, Suite 200
Scottsdale, AZ 85250



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1	Jennifer Boucek	Chairman, Designee for Arizona Attorney General, Terry Goddard
2		
3	David L. Eberhart, P.E.	Designee for Chairman, Arizona Corporation Commission
4		
5	Jack Haenichen	Designee for Director, Energy Department, Arizona Department of Commerce
6		
7	Paul Rasmussen	Designee for Director, Arizona Department of Environmental Quality
8		
9	Jeff McGuire	Appointed Member
10	Michael Palmer	Appointed Member
11	Joy Rich	Appointed Member
12	A. Wayne Smith	Appointed Member
13	Barry Wong	Appointed Member

13 The Applicant was represented by Thomas H. Campbell and Albert H. Acken of
14 Lewis and Roca LLP. The following parties were granted intervention pursuant to A.R.S.
15 § 40-360.05: Pinal County represented by Lawrence V. Robertson, Jr. and Chris M. Roll;
16 Lonesome Valley Farms Limited Partnership, Jacob Roberts and Gail Robertson (the
17 “Roberts”) represented by Court S. Rich; Arizona Corporation Commission (“ACC” or
18 “Commission”) Staff, represented by Charles Hains.

19 At the conclusion of the hearings, the Committee, having received the Application,
20 the appearances of the parties, the evidence, testimony and exhibits presented at the
21 hearings, and being advised of the legal requirements of A.R.S. §§ 40-360 to 40-360.13,
22 upon motion duly made and seconded, voted 8 to 0 to grant the Applicant this Certificate
23 of Environmental Compatibility (Case No. 136) for the Project.
24
25
26

1 The Project as approved consists of approximately seven miles of double-circuit
2 230kV transmission line and required substation facilities and modifications. A general
3 location map of the Project, described herein, is set forth in **Exhibit A**.

4 The Project will originate at a new 10-acre substation to be located on property
5 owned by the Applicant adjacent to the Sundance Generating Station, Section 2, Township
6 6 South, Range 7 East (ACC Decision #63863, Line Siting Case No. 107). A double-
7 circuit 230kV tie-line will be built from the new substation to interconnect with the
8 existing substation located on the north side of the Sundance Generating Station.

9 From the new substation, the Project will proceed west, within the Northern
10 Corridor Area described below, south of existing and future planned natural gas lines north
11 of Randolph Road, on structures designed to accommodate double-circuit 230kV with
12 69kV circuits underbuilt. The approved route for the Project then turns south along the
13 Curry Road alignment to the Southern Corridor Area, described below. From this point
14 the Project proceeds east within the Southern Corridor Area to the future Pinal South
15 Substation, located in Section 30, Township 6 South, Range 8 East (approved as part of
16 ACC Decision #68093, Line Siting Case No. 126).

17 The total right-of-way width is 130 feet within a general corridor that is a minimum
18 of 500 feet wide, except in the areas identified as the Northern Corridor Area and Southern
19 Corridor Area in **Exhibit A**. The Northern Corridor Area is a 2700-foot corridor north of
20 Randolph Road, on property owned by the Applicant, from 250 feet east of Tweedy Road
21 to the half-section between Curry and Tweedy Roads. The Northern Corridor Area also
22 includes an area that is a 1380-foot corridor north of Randolph Road, from the half-section
23 between Curry and Tweedy Roads to 250 feet west of Curry Road. The Southern Corridor
24 Area is a 3000-foot corridor south from the half-section between State Route 287/Florence
25 Boulevard and the Earley Road alignment, beginning 250 feet west of Curry Road to 1000
26 feet east of Eleven Mile Corner Road. Conceptual models of tower types are depicted in

1 Figures G-1 through G-6 of Hearing Exhibit APS-2 (Supplemental Packet #1, Tab 4),
2 attached hereto as **Exhibit B**.

3 This Certificate is granted upon the following conditions:

- 4 1. The Applicant shall obtain all required approvals and permits necessary to
5 construct the Project.
- 6 2. The Applicant shall comply with all existing applicable ordinances, master
7 plans and regulations of the State of Arizona, the County of Pinal, the
8 United States, and any other governmental entities having jurisdiction.
- 9 3. This authorization to commence construction of the Project shall expire
10 seventeen years from the date the Certificate is approved by the
11 Commission; provided, however, that prior to such expiration the Applicant
12 or its assignees may request that the Commission extend this time limitation.
- 13 4. The Applicant shall make every reasonable effort to identify and correct, on
14 a case-specific basis, all complaints of interference with radio or television
15 signals from operation of the transmission lines and related facilities
16 addressed in this Certificate. The Applicant shall maintain written records
17 for a period of five years of all complaints of radio or television interference
18 attributable to operation, together with the corrective action taken in
19 response to each complaint. All complaints shall be recorded to include
20 notations on the corrective action taken. Complaints not leading to a
21 specific action or for which there was no resolution shall be noted and
22 explained.
- 23 5. The Applicant shall comply with the notice and salvage requirements of the
24 Arizona Native Plant Law and shall, to the extent feasible, minimize the
25 destruction of native plants during Project construction.
- 26

- 1 6. Pursuant to A.R.S. § 41-844, if any archaeological, paleontological or
2 historical site or object that is at least fifty years old is discovered on state,
3 county or municipal land during plan-related activities, the person in charge
4 shall promptly report the discovery to the Director of the Arizona State
5 Museum, and in consultation with the Director, shall immediately take all
6 reasonable steps to secure and maintain the preservation of the discovery. If
7 human remains and/or funerary objects are encountered on private land
8 during the course of any ground-disturbing activities relating to the
9 development of the subject property, Applicant shall cease work on the
10 affected area of the Project and notify the Director of the Arizona State
11 Museum pursuant to A.R.S. § 41-865.
- 12 7. The Applicant shall design the transmission lines so as to mitigate impacts
13 to raptors.
- 14 8. The Applicant shall use non-specular conductor and dulled surfaces for
15 transmission line structures.
- 16 9. Within 120 days of the Commission decision granting this Certificate,
17 Applicant will post signs in public rights-of-way giving notice of the Project
18 corridor to the extent authorized by law. The Applicant shall place signs in
19 prominent locations at reasonable intervals such that the public is notified
20 along the full length of the transmission line until the transmission structures
21 are constructed. To the extent practicable, within 45 days of securing
22 easement or right-of-way for the Project, the Applicant shall erect and
23 maintain signs providing public notice that the property is the site of a future
24 transmission line. Such signage shall be no smaller than a normal roadway
25 sign. The signs shall advise:
- 26

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

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

9 10. Before construction on this Project may commence, the Applicant must file
10 a construction mitigation and restoration plan ("Plan") with ACC Docket
11 Control. Where practicable, the Plan shall specify that the Applicant use
12 existing roads for construction and access, minimize impacts to wildlife,
13 minimize vegetation disturbance outside of the Project right-of-way, and
14 revegetate native areas following construction disturbance.

15 11. With respect to the Project, Applicant shall participate in good faith in state
16 and regional transmission study forums to coordinate transmission
17 expansion plans related to the Project and to resolve transmission constraints
18 in a timely manner.

19 12. The Applicant shall provide copies of this Certificate to Pinal County
20 Planning and Development, the Arizona State Land Department, the State
21 Historic Preservation Office, and the Arizona Game and Fish Department.

22 13. Prior to the date this transmission line is put into commercial service, the
23 Applicant shall provide known homebuilders and developers within one
24 mile of the center line of the Certificate route the identity, location, and a
25 pictorial depiction of the type of power line being constructed, accompanied
26 by a written description, and encourage the developers and homebuilders to

1 include this information in the developers' and homebuilders' homeowners'
2 disclosure statements.

3 14. The Applicant will not construct the Project on any portion of the existing
4 Pinal County Fairgrounds, a 120+/- acre parcel, owned by Pinal County,
5 described as N1/2 SE 1/4 and the SE1/4 NE1/4 Section 25, T6S, R7E,
6 G&SRB&M, Pinal County, Arizona, without the prior written consent of
7 Pinal County.

8 15. Before commencing construction of Project facilities located parallel to and
9 within 100 feet of any existing natural gas or hazardous liquid pipeline, the
10 Applicant shall:

11 (a) Perform the appropriate grounding and cathodic protection studies to
12 show that the Project's location parallel to and within 100 feet of
13 such pipeline results in no material adverse impacts to the pipeline or
14 to public safety when both the pipeline and the Project are in
15 operation. If material adverse impacts are noted in the studies,
16 Applicant shall take appropriate steps to ensure that such material
17 adverse impacts are mitigated. Applicant shall provide to
18 Commission Staff reports of studies performed; and

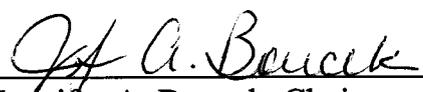
19 (b) Perform a technical study simulating an outage of the Project that
20 may be caused by the collocation of the Project parallel to and within
21 100 feet of the existing natural gas or hazardous liquid pipeline.
22 This study should either: i) show that such outage does not result in
23 customer outages; or ii) include operating plans to minimize any
24 resulting customer outages. Applicant shall provide a copy of this
25 study to Commission Staff.
26

1 16. The Applicant shall submit a self-certification letter annually, identifying
2 progress made with respect to each condition contained in the Certificate,
3 including which conditions have been met. Each letter shall be submitted to
4 the Utilities Division Director on December 1 beginning in 2008. Attached
5 to each certification letter shall be documentation explaining how
6 compliance with each condition was achieved. Copies of each letter along
7 with the corresponding documentation shall be submitted to the Arizona
8 Attorney General and Department of Commerce Energy Office. The
9 requirement for the self-certification shall expire on the date the Project is
10 placed into operation.

11 17. Applicant will follow the latest Western Electricity Coordinating Council/
12 North American Electric Reliability Corporation Planning standards as
13 approved by the Federal Energy Regulatory Commission, and National
14 Electrical Safety Code construction standards.

15
16 DATED this 15th day of February, 2008.

17 THE ARIZONA POWER PLANT AND
18 TRANSMISSION LINE SITING COMMITTEE

19
20 
21 Jennifer A. Boucek, Chairman

22 147062

Exhibit A

Exhibit B

Figure G-1 Double-circuit 230kV with Double-circuit 69kV Underbuild

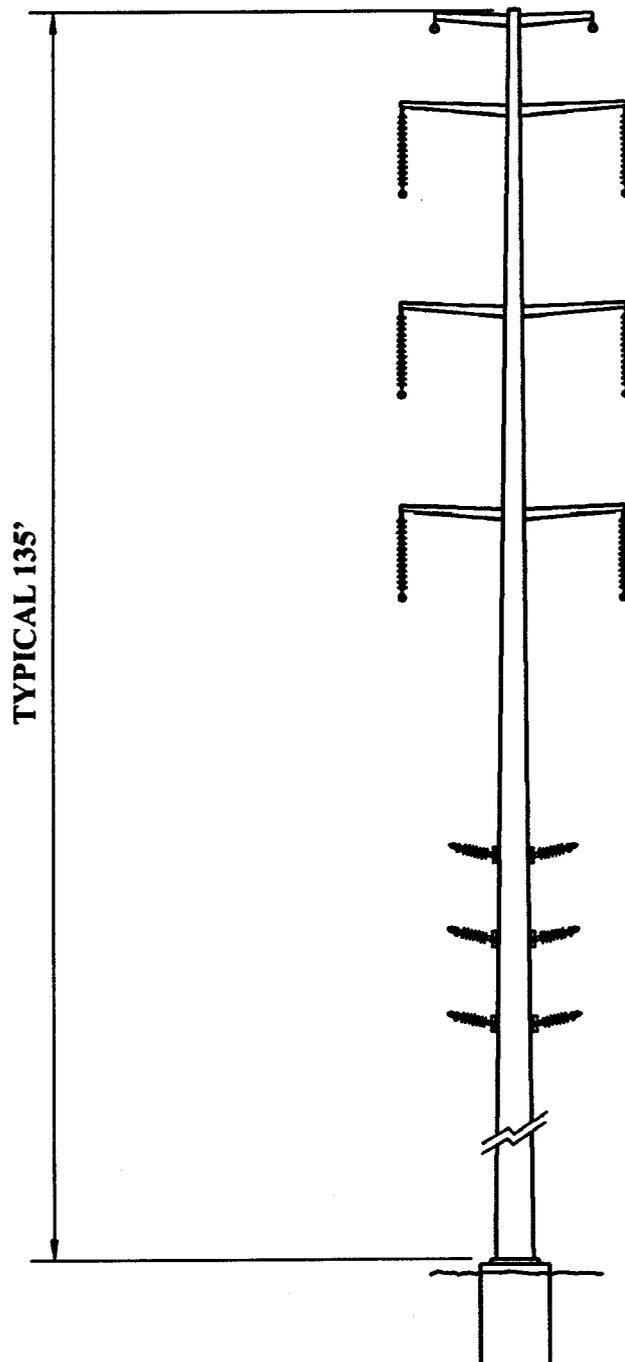
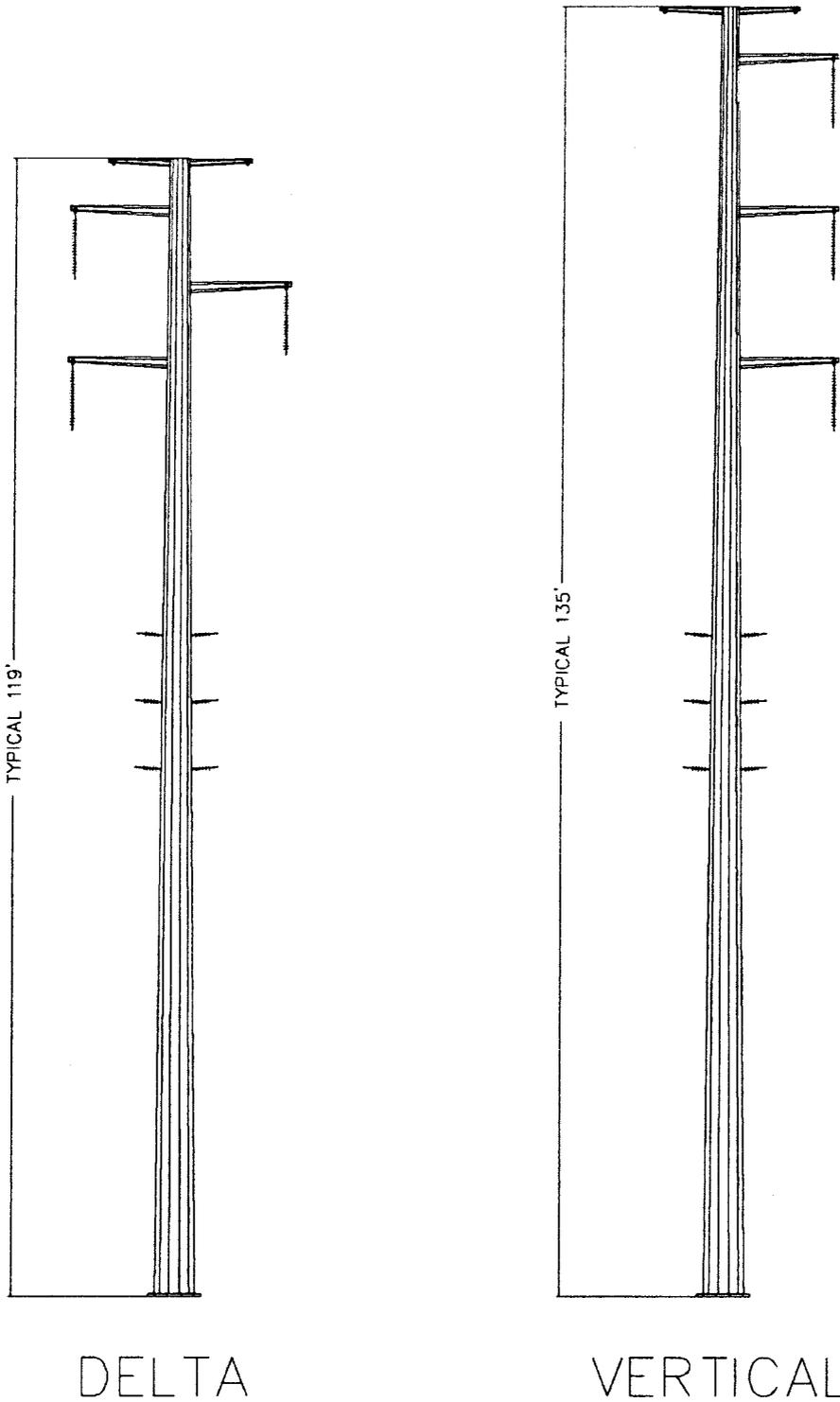


Figure G-2 Single-circuit 230kV with Double-circuit 69kV Underbuild



Section 4 – Concepts of Typical Facilities

Figure G-3: Double-circuit 230kV Single Pole Turning Structure with Double-circuit 69kV Underbuild

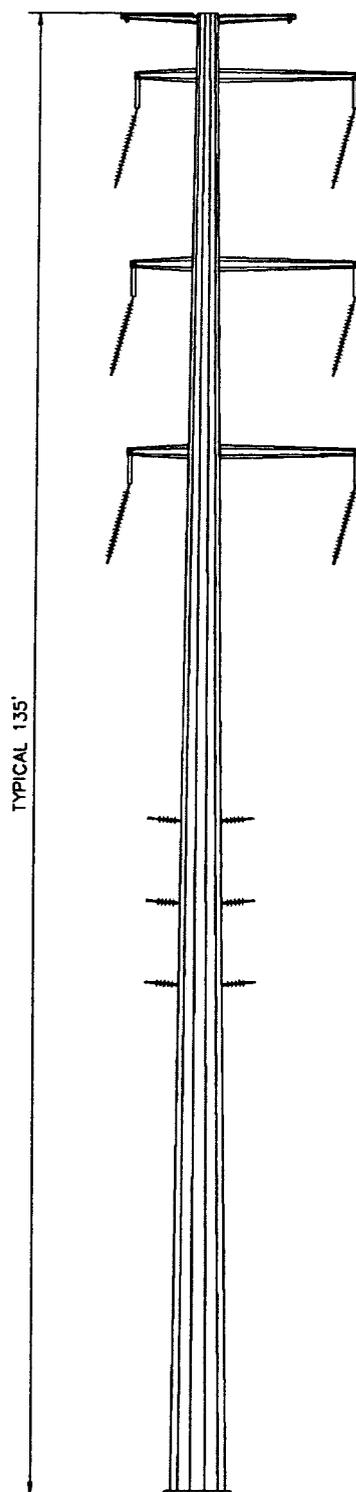


Figure G-4: Double-circuit 230kV with Double-circuit 69kV Underbuild Single Pole 90° Turning Structure

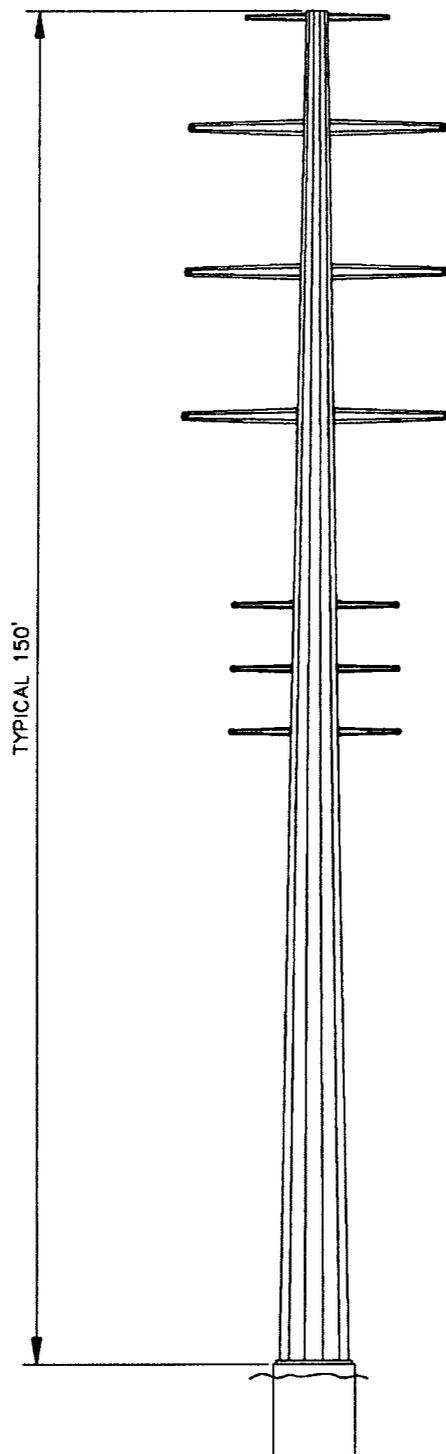


Figure G-5: 230kV with 69kV Underbuild Two Pole 90°, Dead End, and Turning Structure

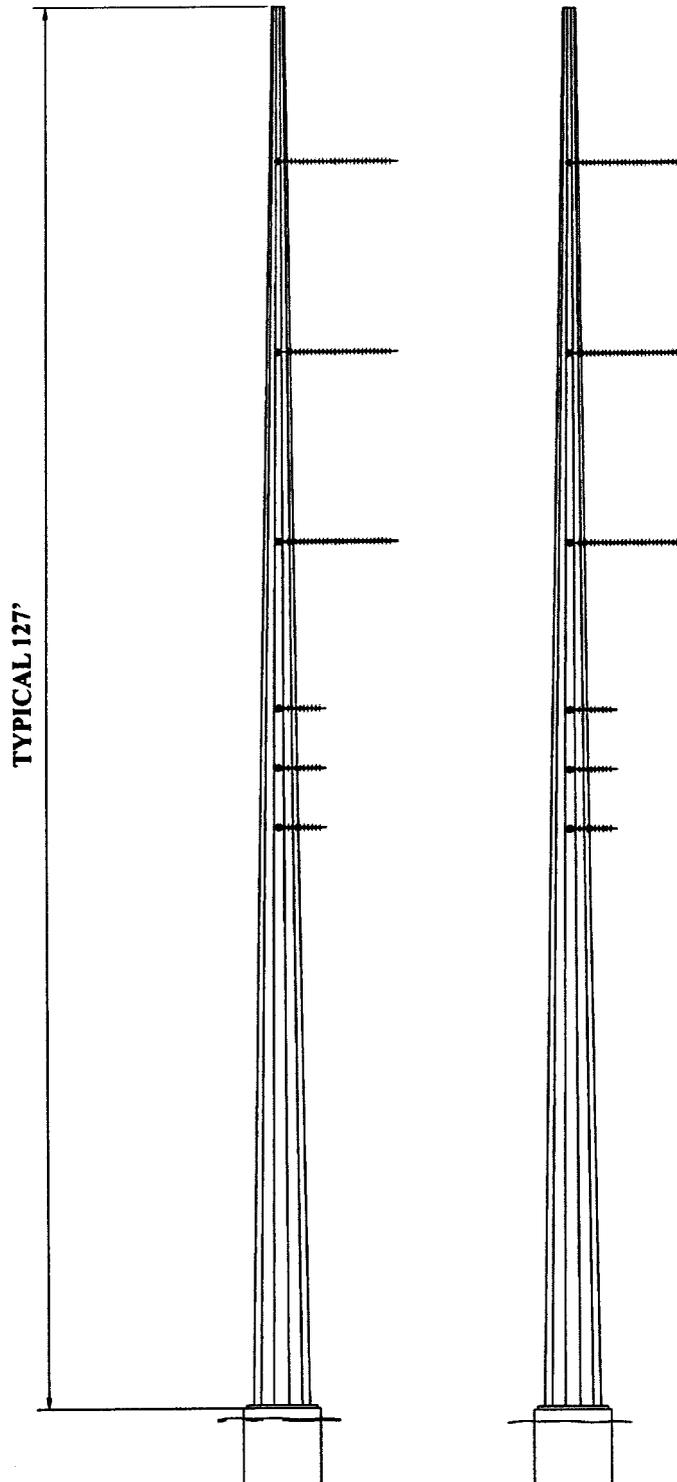


Figure G-6: Single-circuit 230kV H-Frame Structure

