



A subsidiary of Pinnacle West Capital Corporation

Palo Verde Nuclear
Generating Station

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102-06078-DCM/GAM
October 14, 2009

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2, and 3
Docket Nos. STN 50-528, 50-529 and 50-530
Amendment No. 1 to License Renewal Application: Revised
Environmental Report Figure 3-2 and Table 4-2 for the Hassayampa
No. 3 Transmission Line

By letter no. 102-05937, dated December 11, 2008, as supplemented by letter no. 102-05989, dated April 14, 2009, Arizona Public Service Company (APS) submitted a license renewal application (LRA) for PVNGS Units 1, 2, and 3. It has been discovered that Figure 3-2 and Table 4-2 of the LRA Appendix E Environmental Report (ER) in the December 11, 2008, submittal did not depict a section of transmission line from the Hassayampa substation to the North Gila substation. This section of transmission line was analyzed for license renewal and is described in Section 3.1.3 of the ER.

Accordingly, Amendment No. 1 to the PVNGS LRA containing the revised ER Figure 3-2 and Table 4-2 that reflect the North Gila transmission line is enclosed. Figure 3-2 was updated to depict the North Gila transmission line and Table 4-2 was updated to note that the Hassayampa No. 3 induced current analysis includes the North Gila transmission line. As described in ER Section 3.1.3, the North Gila line has been included in the Hassayampa No. 3 analyzed distance because the North Gila transmission line from PVNGS to the North Gila substation was constructed and placed into service in 1984 (prior to issuance of the PVNGS full power operating licenses). A new substation was constructed at Hassayampa in 2001 and the North Gila line was connected to this substation. The short connection between PVNGS and Hassayampa that originally connected to North Gila became identified as Hassayampa No. 3.

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Amendment No. 1 to License Renewal Application: Revised Environmental Report
Figure 3-2 and Table 4-2 for the Hassayampa No. 3 Transmission Line
Page 2

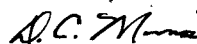
APS has notified the U.S. Fish and Wildlife Service and the Arizona Game and Fish Department of the revised Hassayampa No. 3 transmission line analyzed distance in Figure 3-2, since Figure 3-2 had been provided to them in letters dated September 28, 2007 (ER Attachment B).

APS makes no commitments in this letter. Should you need further information regarding this submittal, please contact Russell A. Stroud, Licensing Section Leader, at (623) 393-5111.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 10/14/09
(date)

Sincerely,



DCM/RAS/GAM/

Enclosure: Palo Verde Nuclear Generating Station License Renewal Application
Amendment No. 1

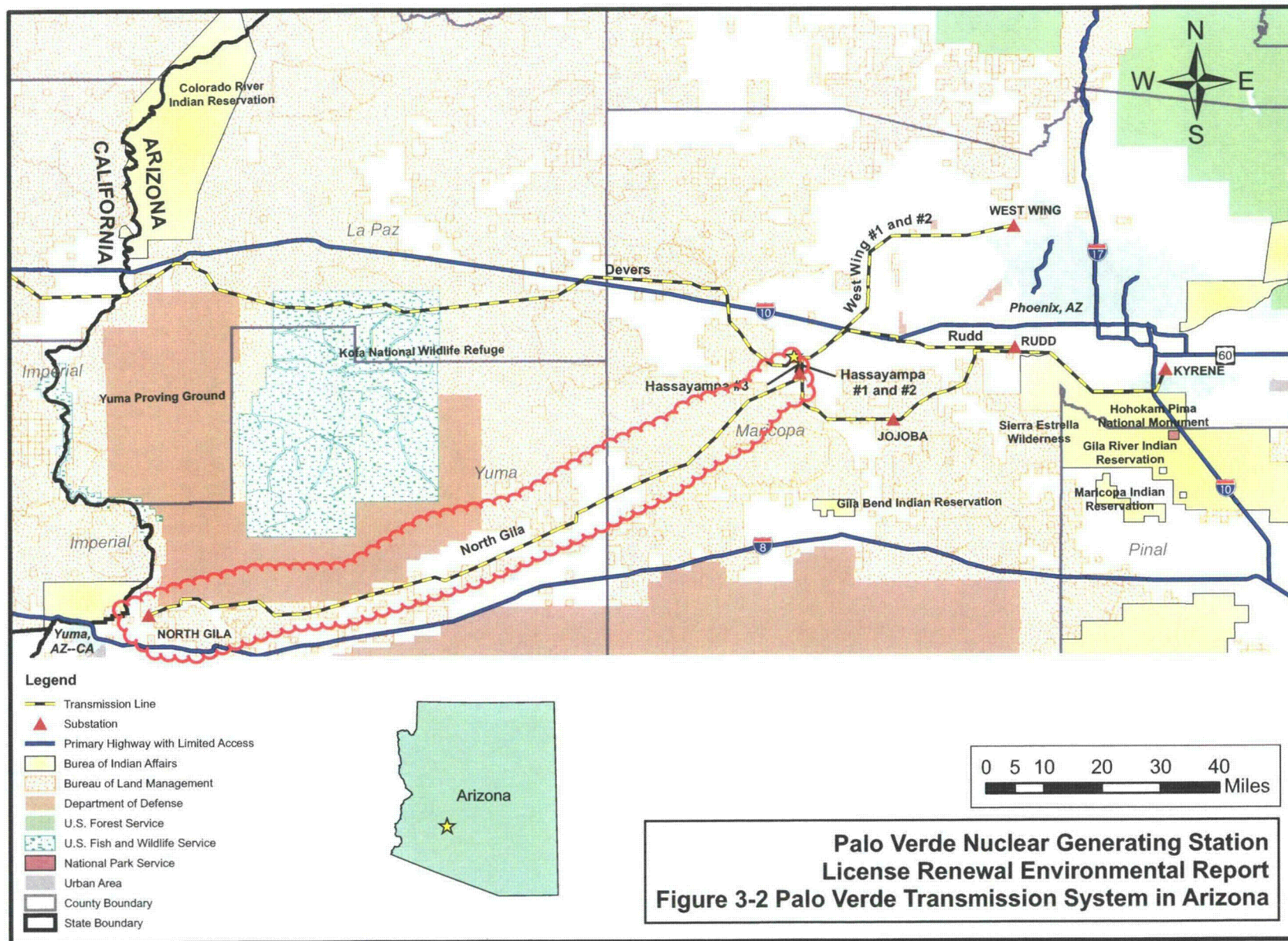
cc:	E. E. Collins Jr.	NRC Region IV Regional Administrator
	J. R. Hall	NRC NRR Project Manager
	R. I. Treadway	NRC Senior Resident Inspector for PVNGS
	L. M. Regner	NRC License Renewal Project Manager

ENCLOSURE

Palo Verde Nuclear Generating Station License Renewal Application Amendment No. 1

License Renewal Application Sections Affected

Appendix E Environmental Report Figure 3-2
Appendix E Environmental Report Table 4-2



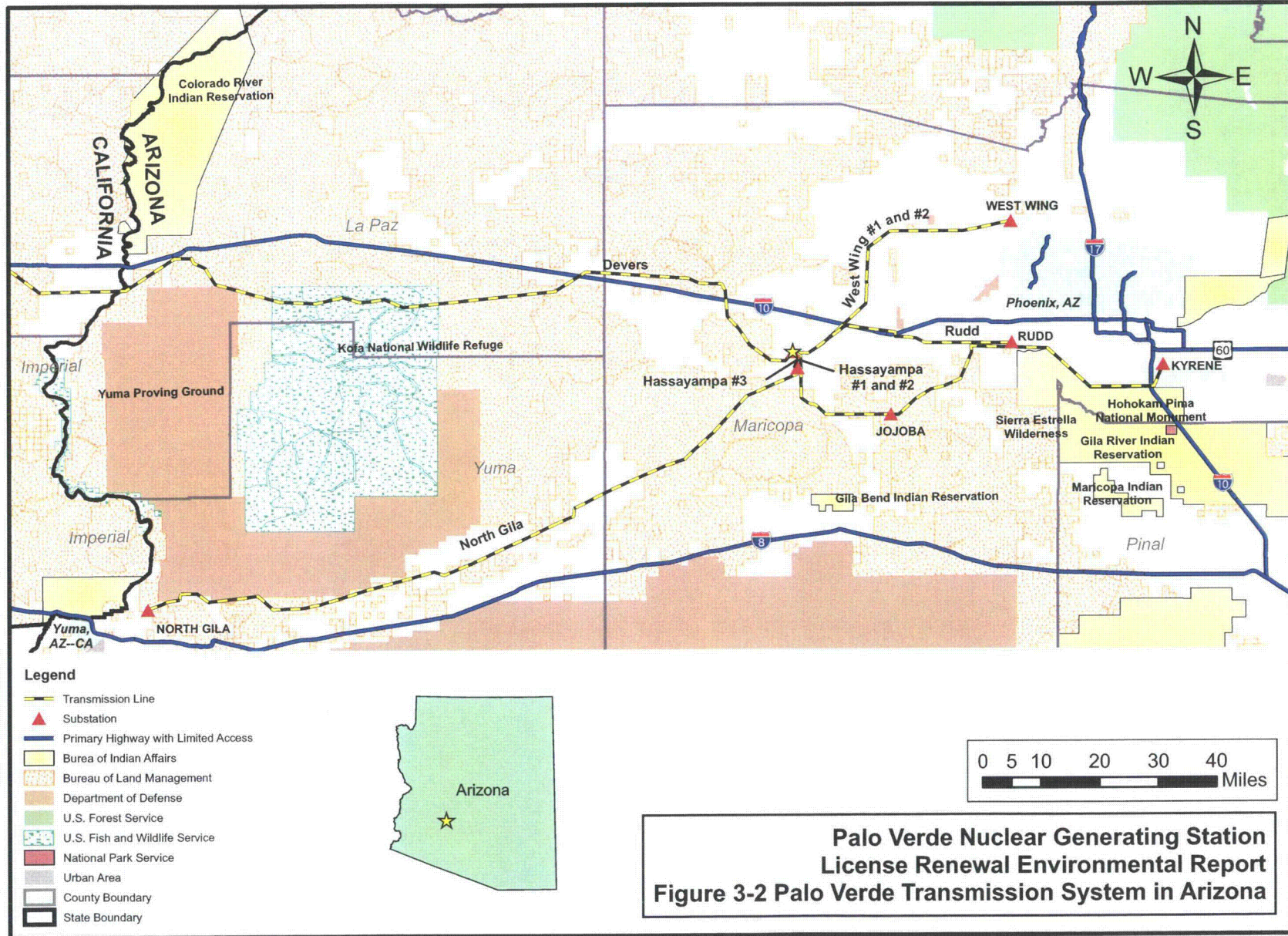


Table 4-2. Results of Induced Current Analysis.

Transmission Line	Limiting Case Induced Current (milliamperes)
Devers	<4.1 ^a
Hassayampa #1 (analyzed to Kyrene)	3.0
Hassayampa #2	3.0
Hassayampa #3 (<u>analyzed to North Gila</u>)	4.9
Rudd	4.6
Westwing #1	4.6
Westwing #2	4.6

Source: TtNUS (2007a); TtNUS (2007b)

^aElectric field measurements were taken at the location of greatest sag, not at the road crossing. The road crossing would have lesser electric field strength and, thus, lesser induced current.