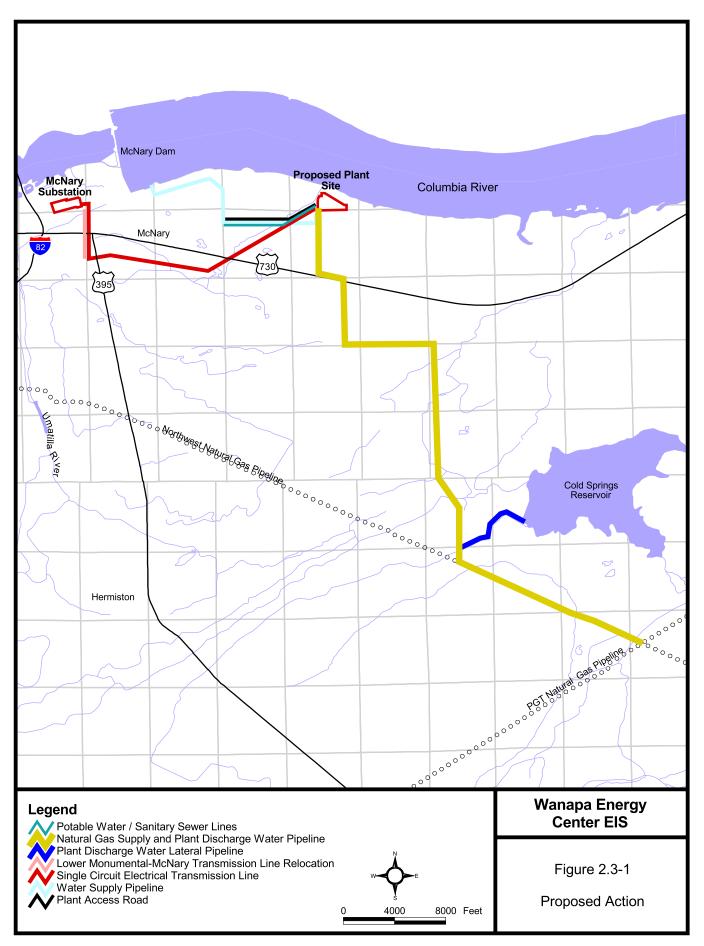
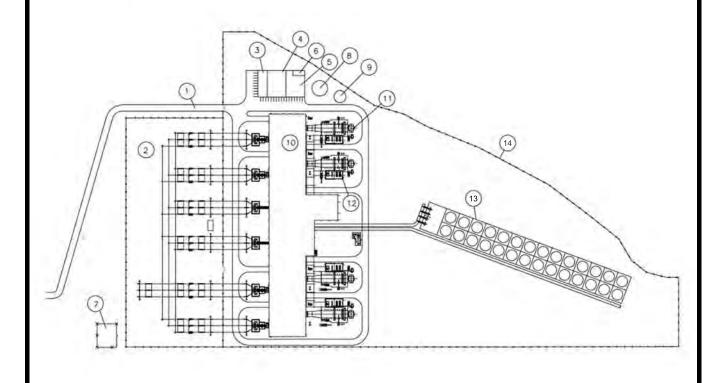


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Figure 1.1-1 **Project Location**



FACILITIES LEGEND	
PT #	DESCRIPTION
1	ACCESS ROAD
2	SWITCHYARD
3	ADMINISTRATION BUILDING
4	WAREHOUSE/MAINTENANCE
5	WATER TREATMENT BUILDING
6	DIESEL FIRE PUMPS
7	SITE GAS METERING & CONDITIONING AREA
8	RAW WATER STORAGE TANK
9	DEMINERALIZED WATER STORAGE TANK
10	TURBINE BUILDING
11	EXHAUST STACK
12	HEAT RECOVERY STEAM GENERATOR
13	COOLING TOWER
14	SITE SECURITY FENCE



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Figure 2.3-2

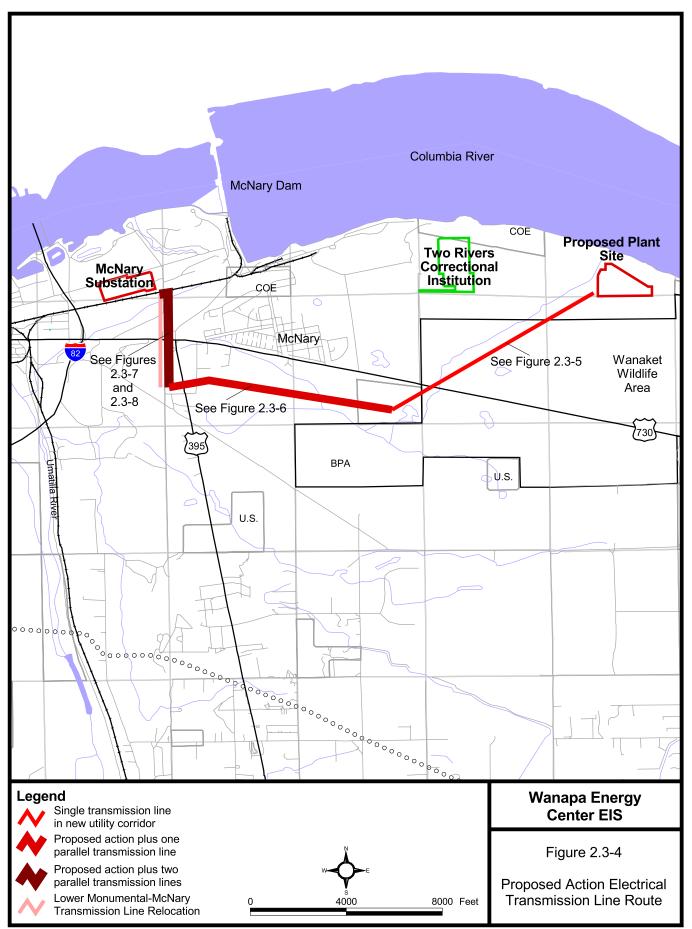
Plant Site

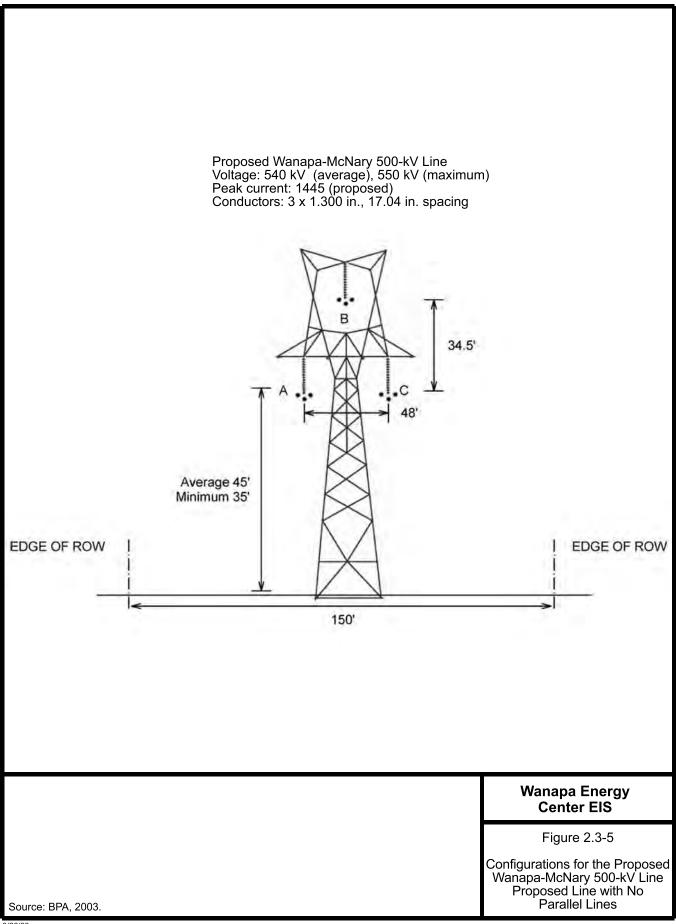


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Figure 2.3-3

Three-dimensional Ground Level View of Plant Facilities



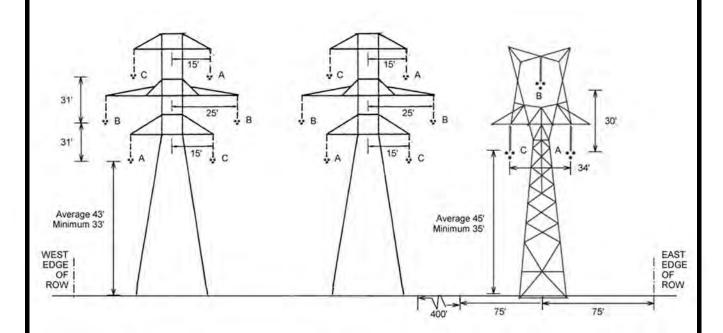


Proposed Wanapa-McNary 500-kV Line Voltage: 540 kV (average), 550 kV (maximum) Peak current: 1445 (proposed) Conductors: 3 x 1.300 in., 17.04 in. spacing Existing Lower Monumental-McNary 500-kV Line Voltage: 540-kV (average), 550-kV (maximum) Peak current: 1868/1532 A (existing/proposed) Conductors: 2 x 1.602 in., 18 in. spacing Config. 2a (Config. 2b) (C) 40' Average 43' Average 45' Minimum 35' Minimum 33' SOUTH EDGE OF ROW NORTH EDGE OF ROW 82.5 200 75 Wanapa Energy **Center EIS** Figure 2.3-6 Configurations for the Proposed Wanapa-McNary 500-kV Line Proposed Line with One Parallel Line Source: BPA, 2003.

Existing McNary-Coyote (Slatt)/
Calpine-McNary 500-kV Double-Circuit
Voltage: 540-kV (average), 550-kV (maximum)
Peak current: -1733/591 A (existing)
-1803/591 A (proposed)
Conductors: 3 x 1.302 in., 17.04 in. spacing

Alternative 1 BPA 500-kV line with relocated Lower Monumental-McNary 500-kV Line Voltage: 540-kV (average), 550-kV (maximum) Peak current: 1532 A (proposed) Conductors: 3 x 1.300 in., 17.04 in. spacing

Replacement of Lower Monumental-McNary 500-kV Line with Proposed Wanapa-McNary 500-kV Line Voltage: 540-kV (average), 550-kV (maximum)
Peak current: 1868/1445 A (existing/proposed)
Conductors: 3 x 1.302 in., 17.04 in. spacing

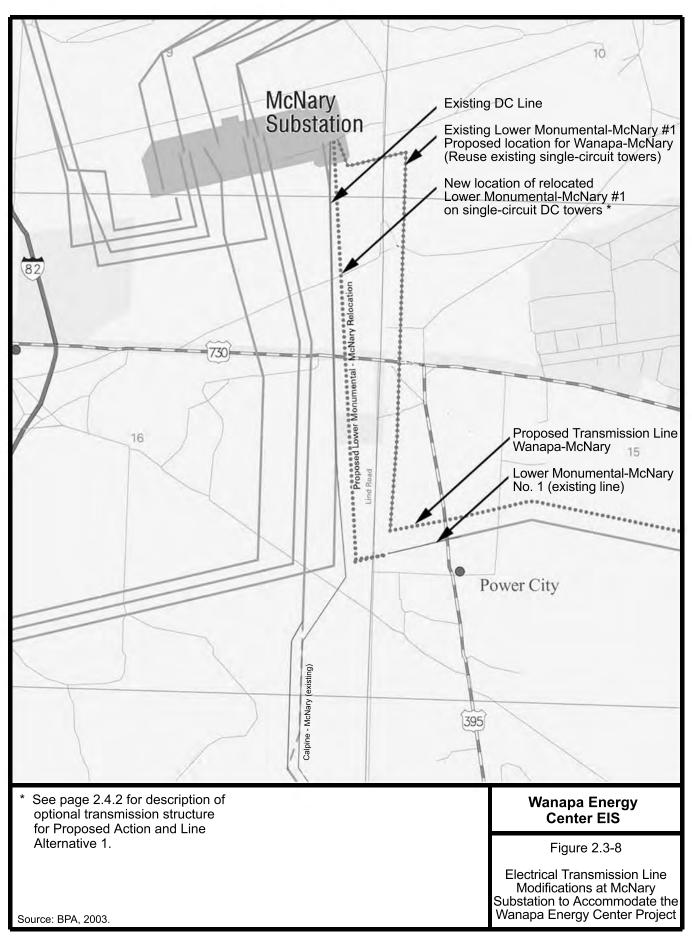


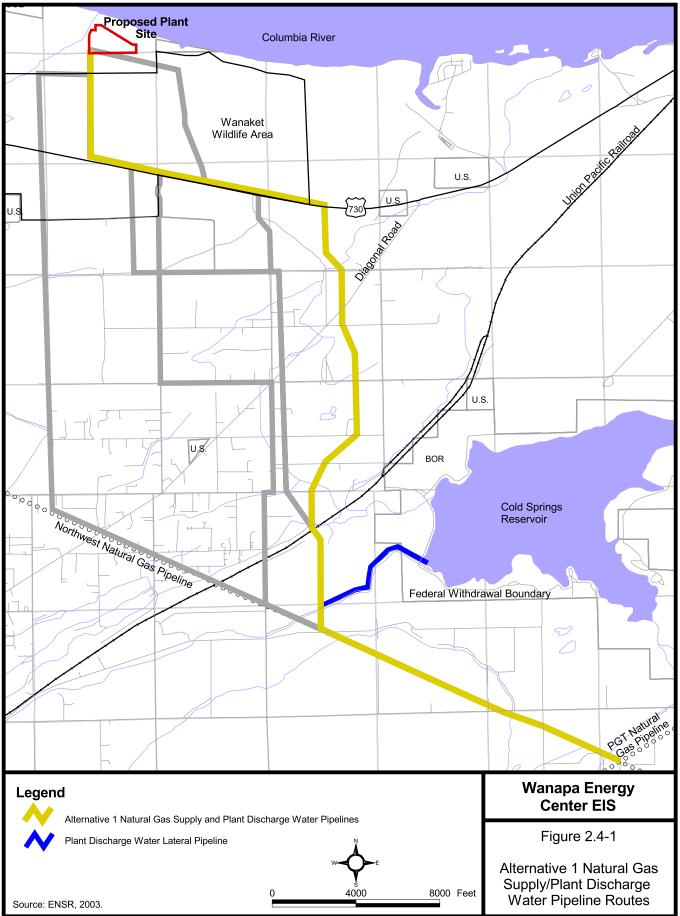
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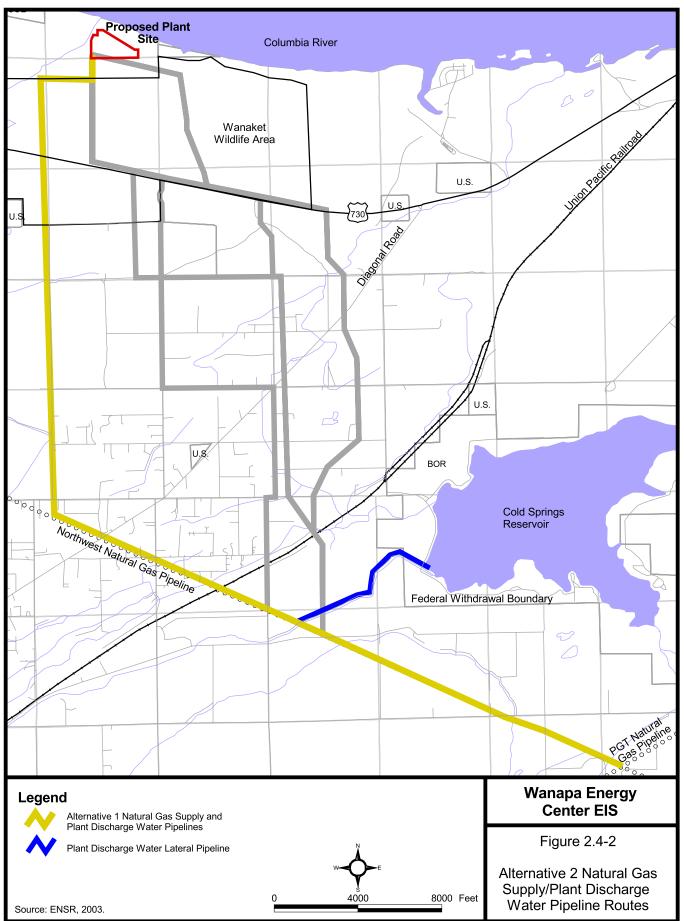
Figure 2.3-7(a)

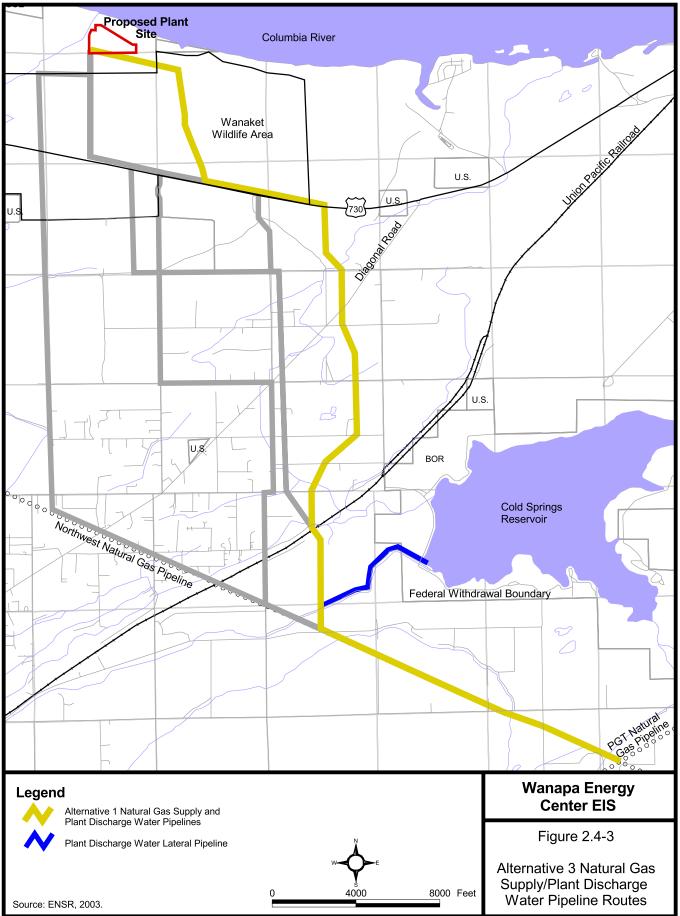
Configurations for Alternative 1 Wanapa-McNary 500-kV Line Proposed Line with Two Parallel Lines

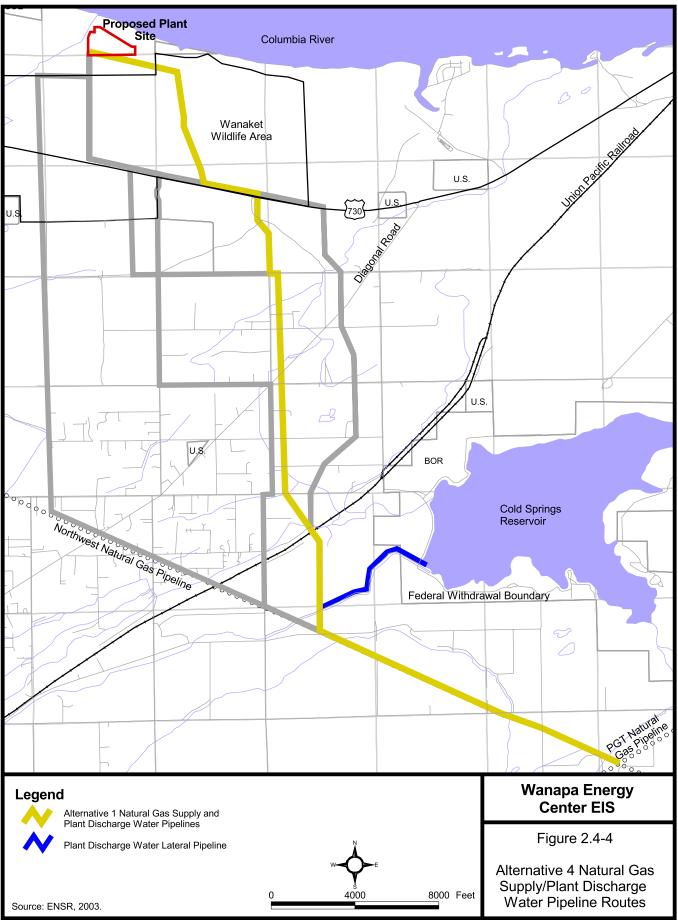
Source: BPA, 2003.

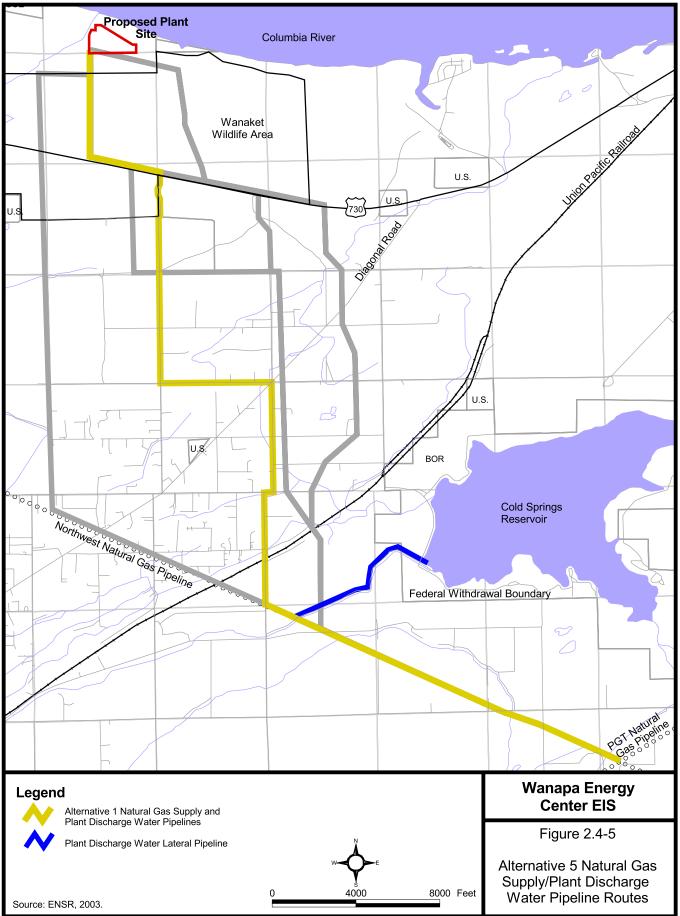


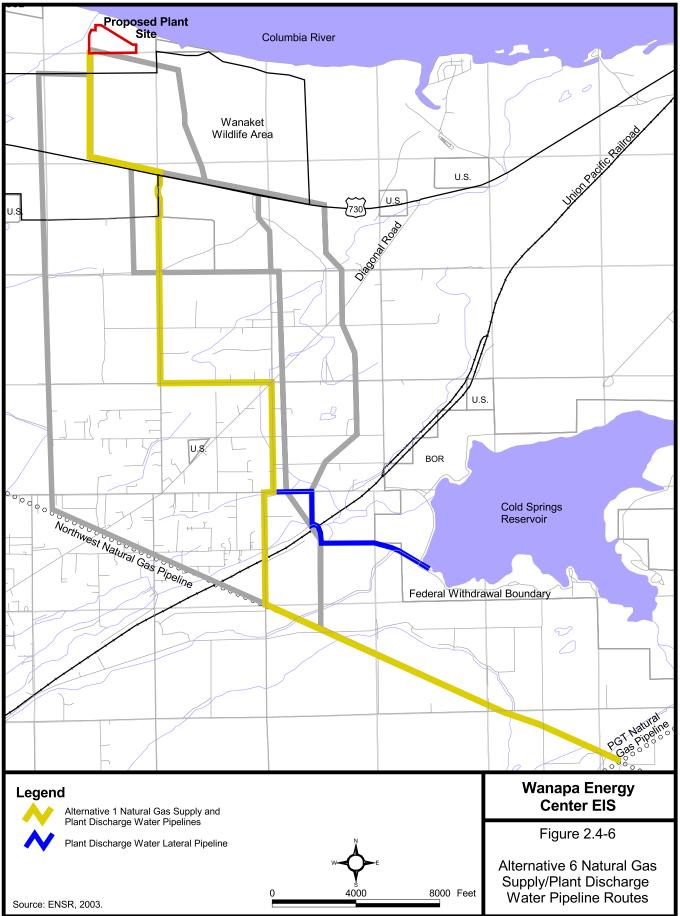


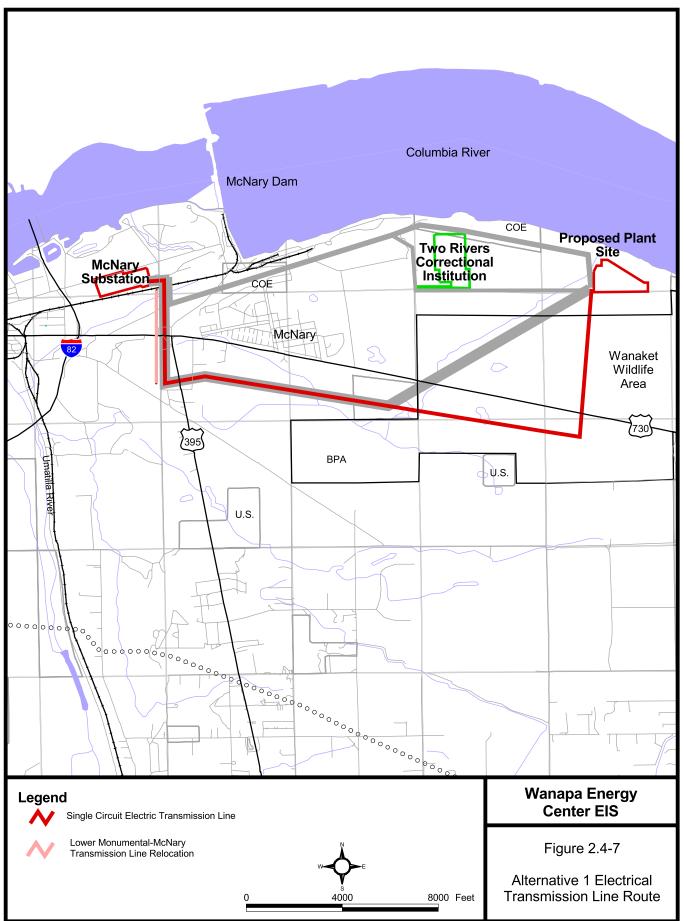


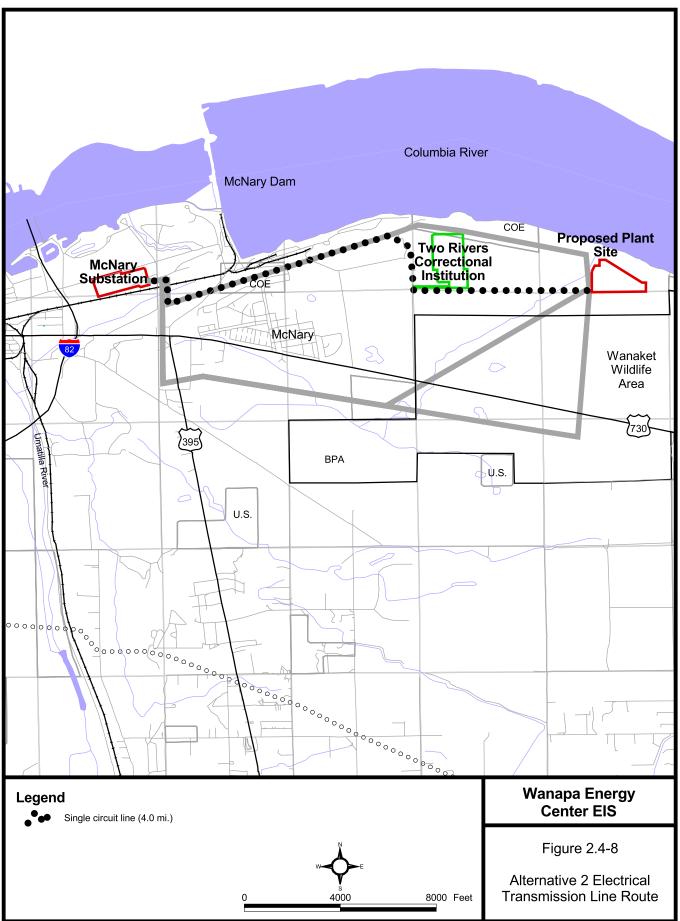


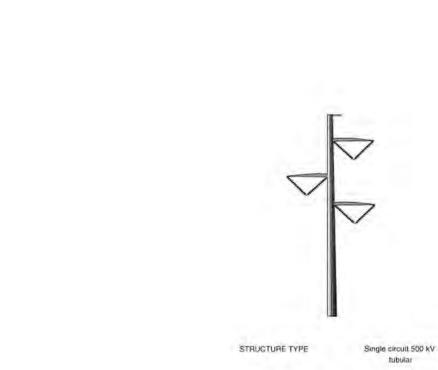












RIGHT-OF-WAY WIDTH

AREA OF BASE

TYPICAL HEIGHT

NUMBER OF STRUCTURES PER MILE (APPROX.) 150 feet

135 feet

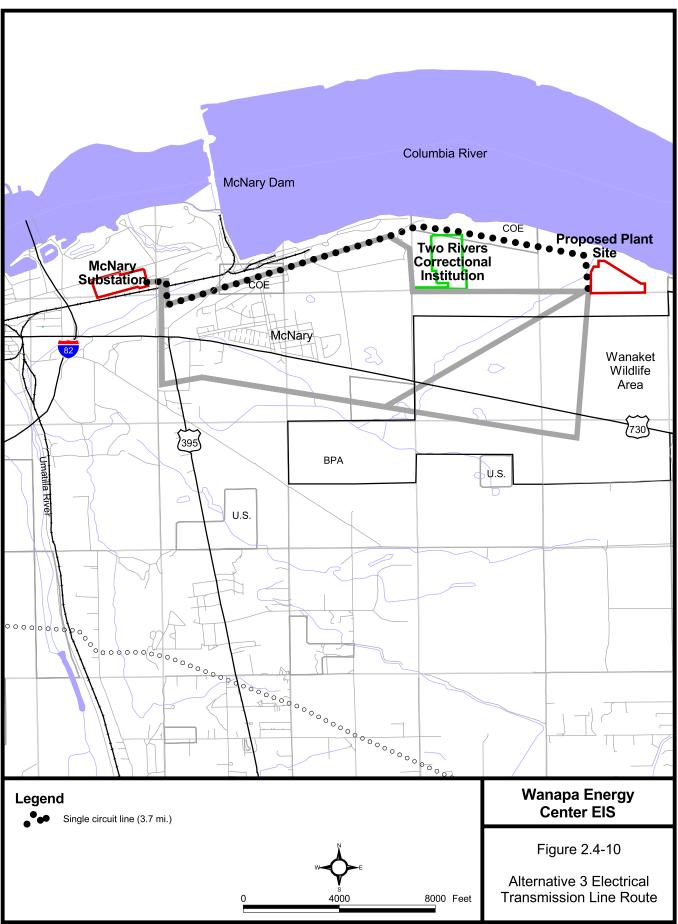
100 square feet

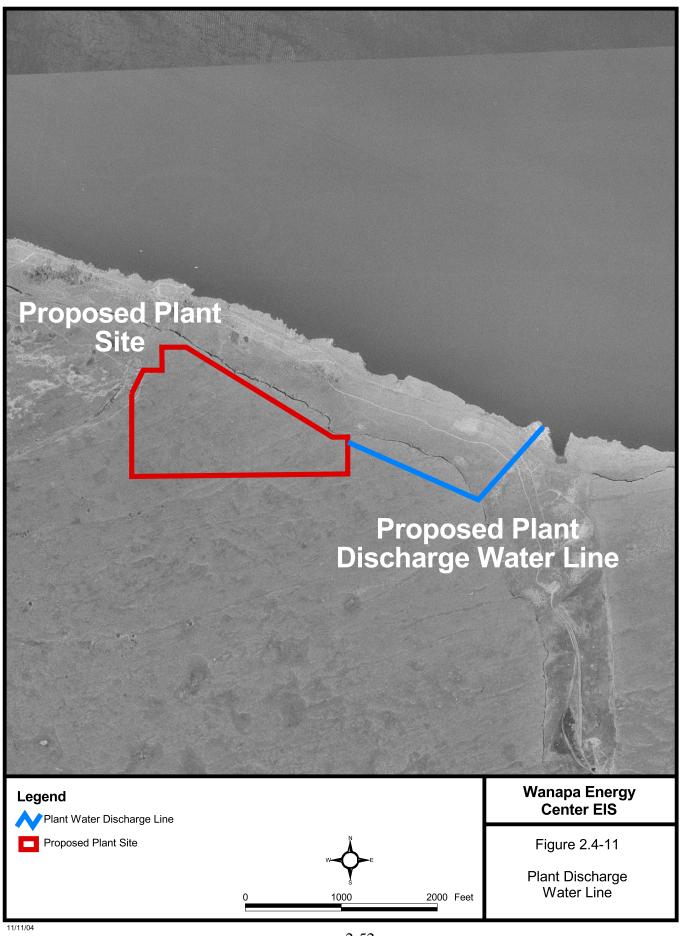
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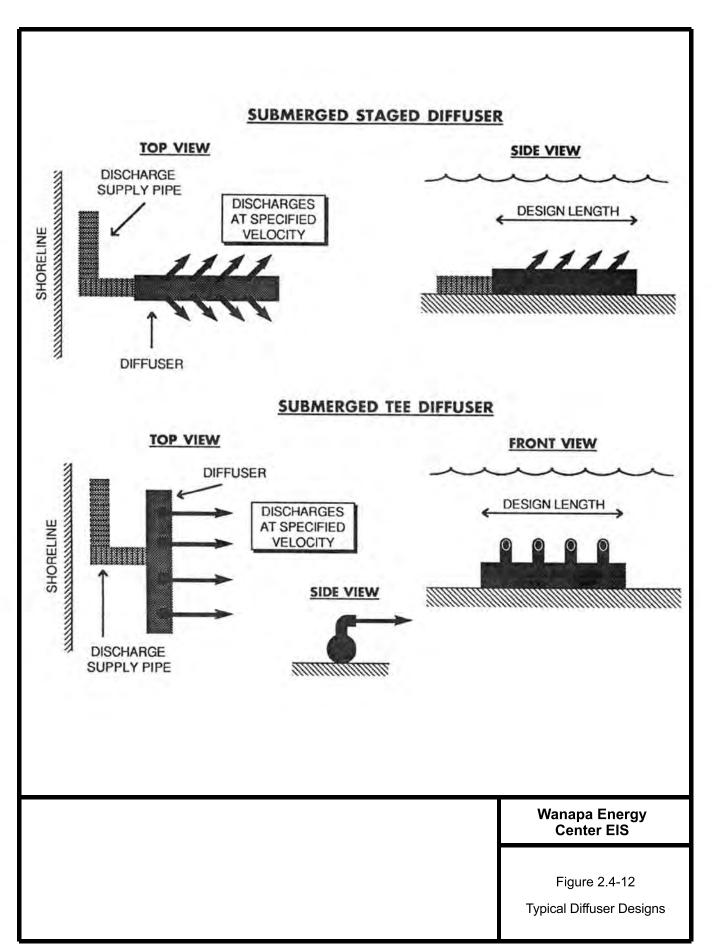
Figure 2.4-9

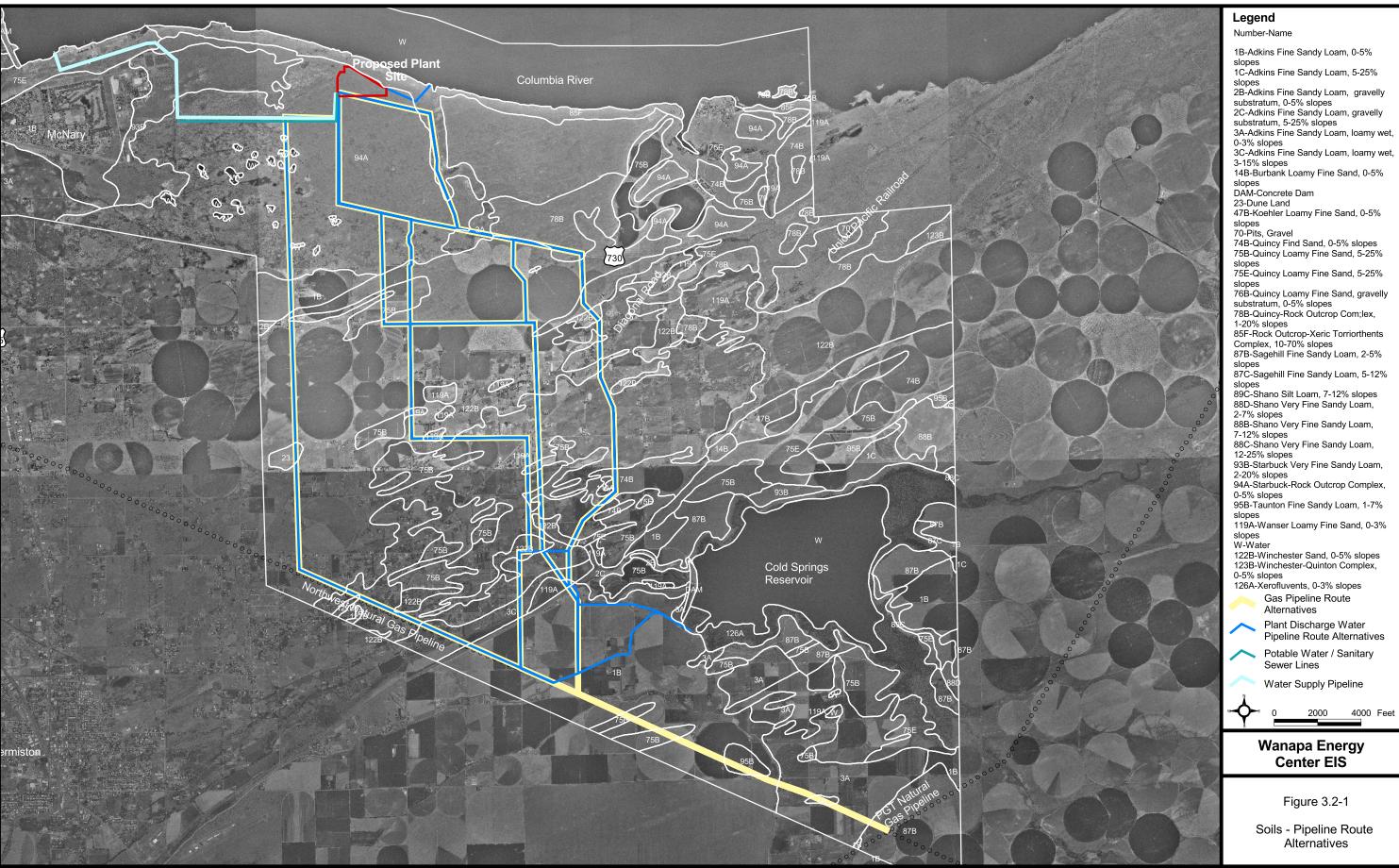
Single Shaft Steel Pole Electrical Transmission Structure

Source: BPA, 2003.

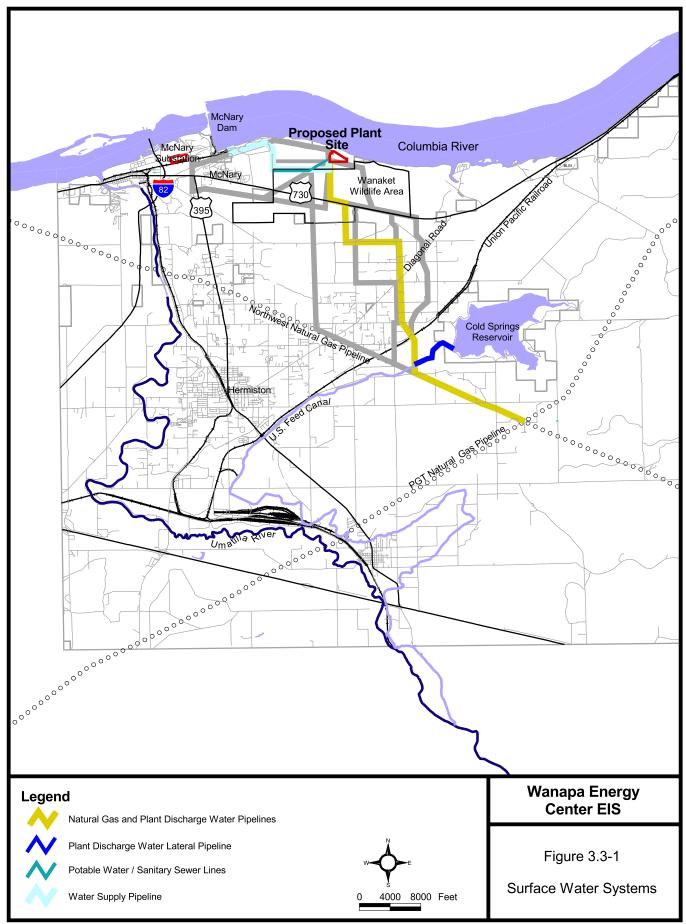




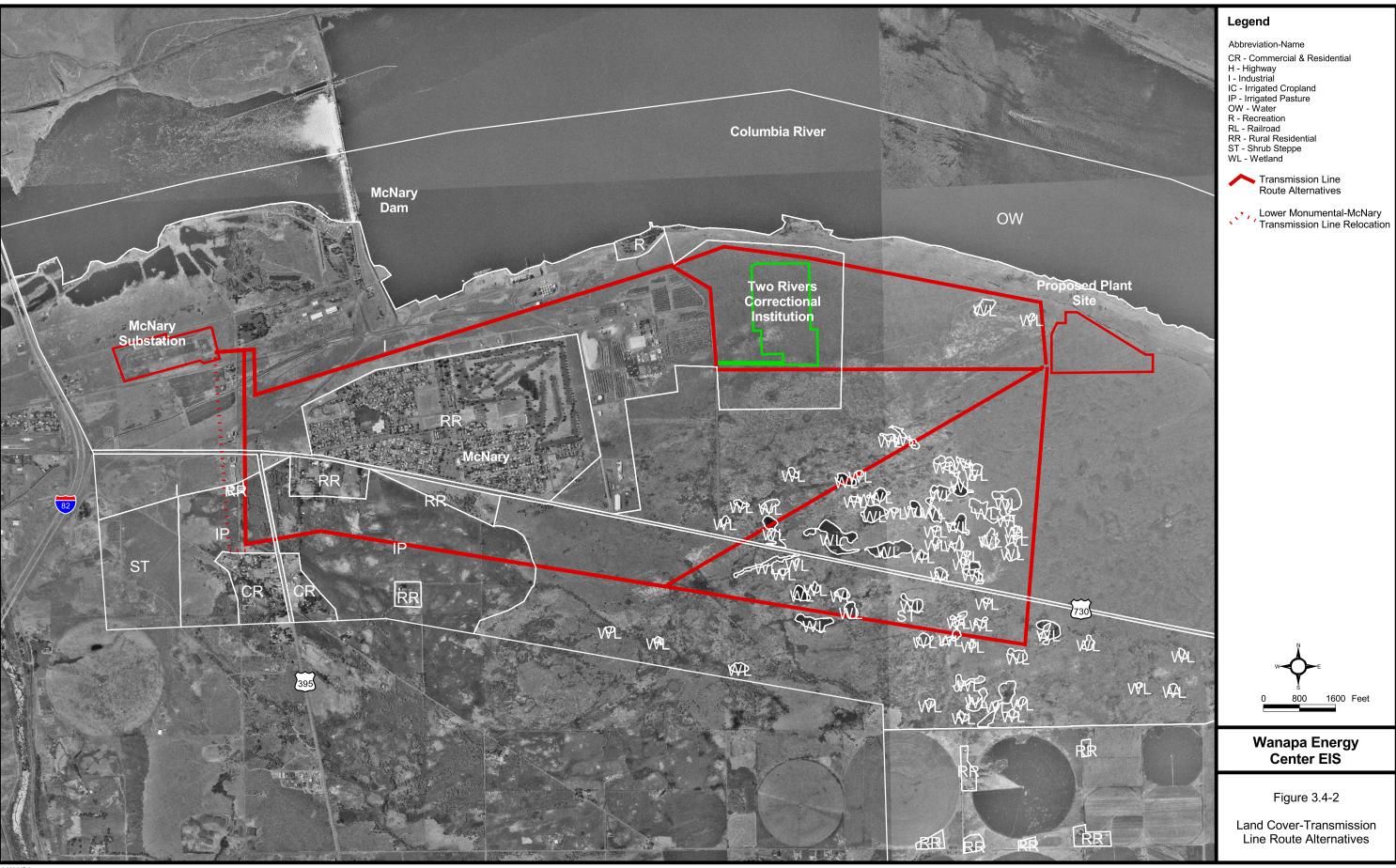


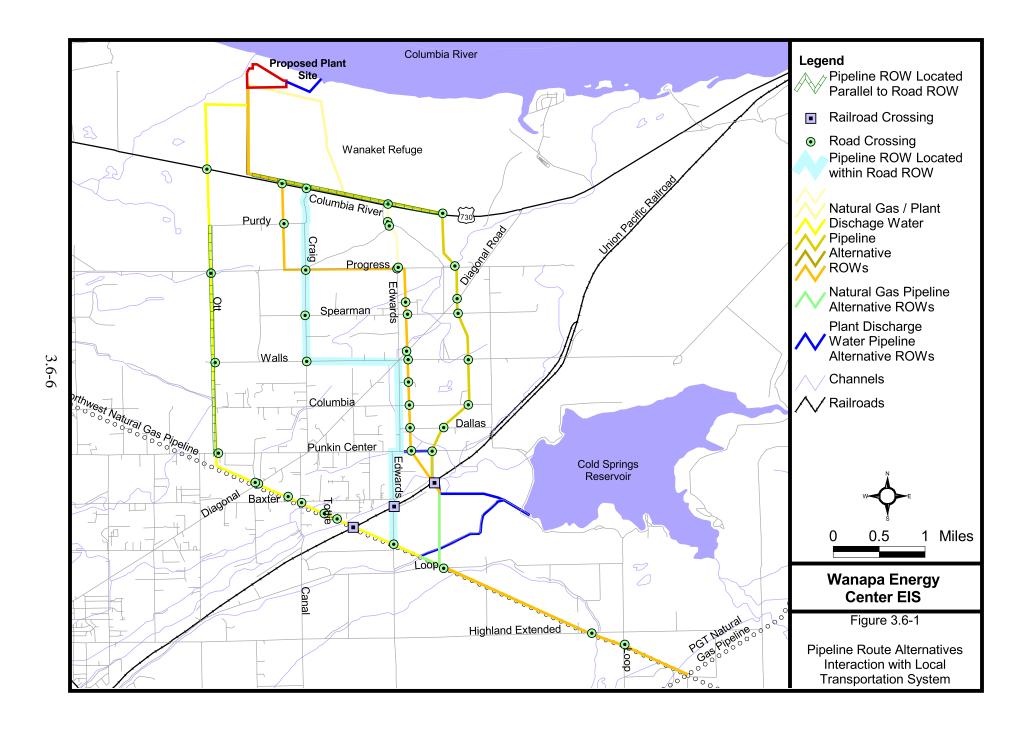


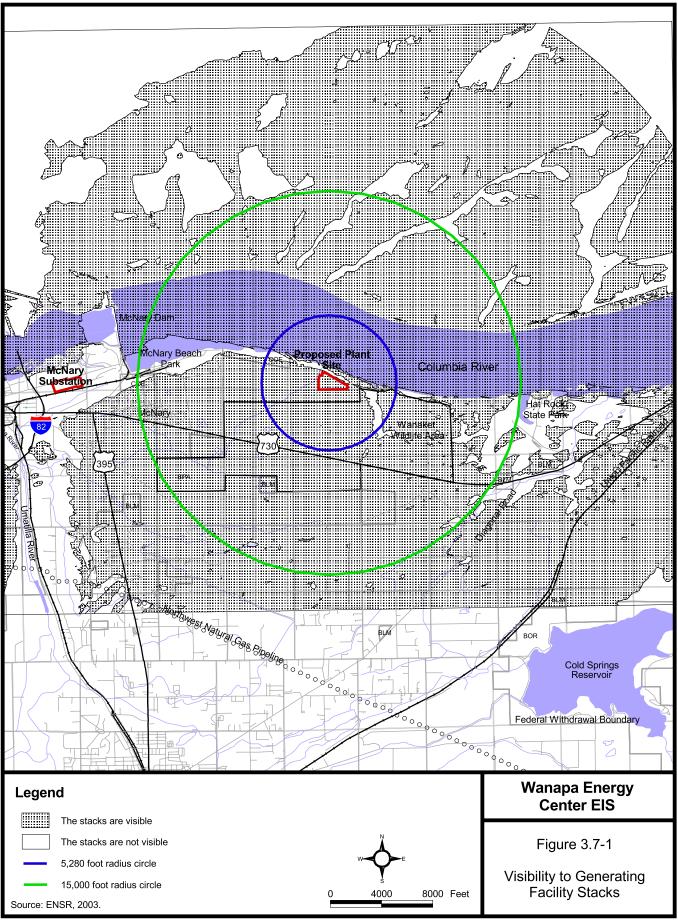
12/1/04

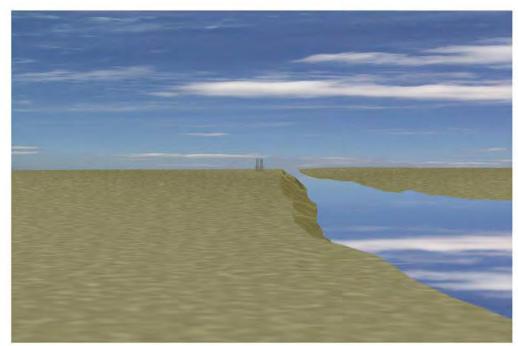




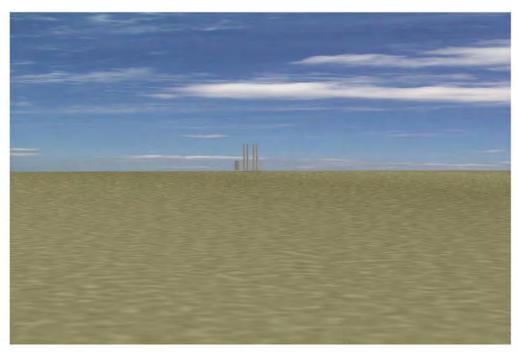








View of Generating Structures from 15,000 feet



View of Generating Structures from 5,280 feet

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Figure 3.7-2

Simulated Views of Generating Facilities

