

**CENTRAL MAINE POWER COMPANY
RESPONSE TO FOURNIER'S DATA REQUEST NO. 1
DOCKET No. 2008-255**

October 24, 2008

FOURNIER-01-01

- Q.** Please describe in detail the MPRP facilities that CMP and PSNH propose to build in Eliot ME.
- A.** CMP proposes to build a new 345kV transmission line, Section 3022, from the Maguire Rd Substation to the Three Rivers Substation, of which approximately 1.5 miles extend thru the town of Eliot. In order to make additional space available in CMP's corridor in this area, the 115kV Section 250 will be rebuilt from the Quaker Hill Substation in North Berwick to the Three Rivers Substation in Eliot.

The attached cross-section graphically depicts the existing and proposed structure types and configuration within the existing CMP right-of-way in Eliot. Section 3022 in this area is planned to be supported on steel single pole structures in order to alleviate the need to acquire additional land rights in this area required for the 345kV H-frame configuration. Structure heights will vary depending upon span lengths, terrain and aerial obstacles, but they will generally average 95 to 105 feet above ground for the 345kV single pole structures. Span lengths are anticipated to be similar to those utilized for the 345kV H-frame structure configuration, generally averaging 550 feet to 650 feet.

For additional information related to the description of the type of line, see Volume II, Section C.

For information related to the status of the planned scope between the Three Rivers and Newington Substations, please see the letter filed in this proceeding on October 7, 2008 regarding the Three Rivers Interconnection.

Response Prepared and Submitted By:

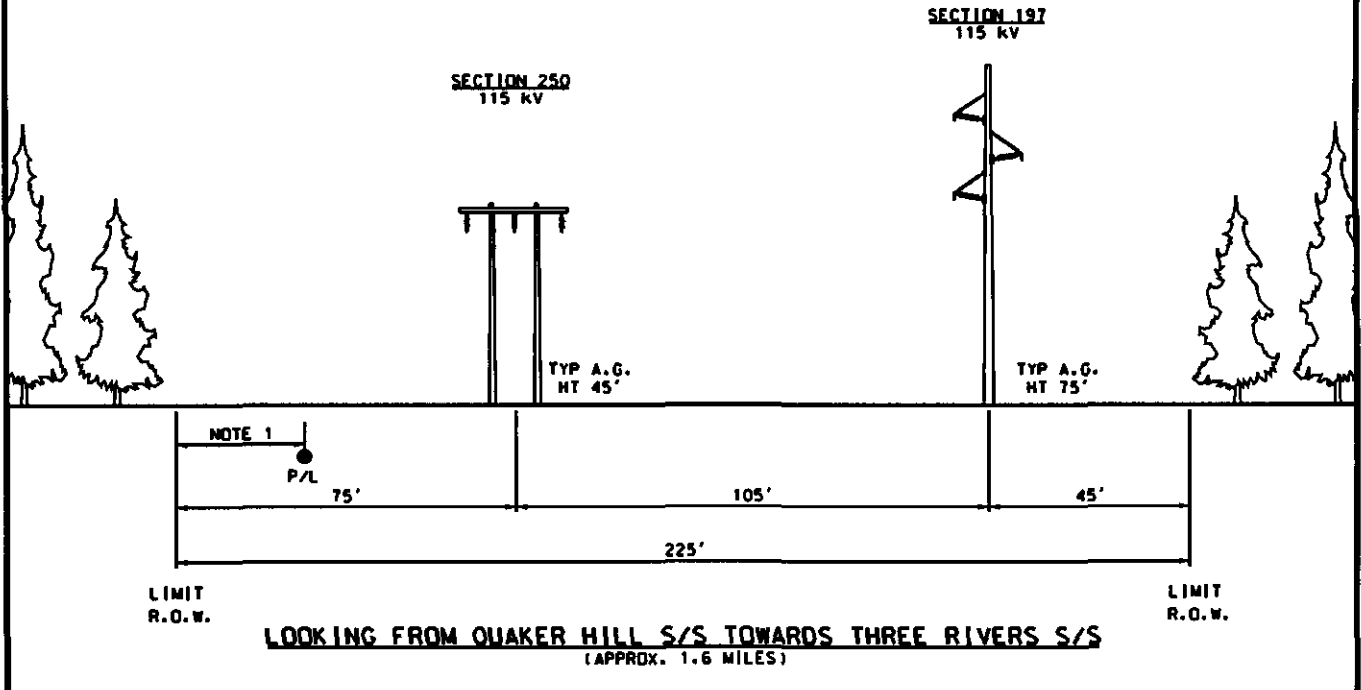
Steve Walker, PE
POWER Engineers, Inc.

Attachments:

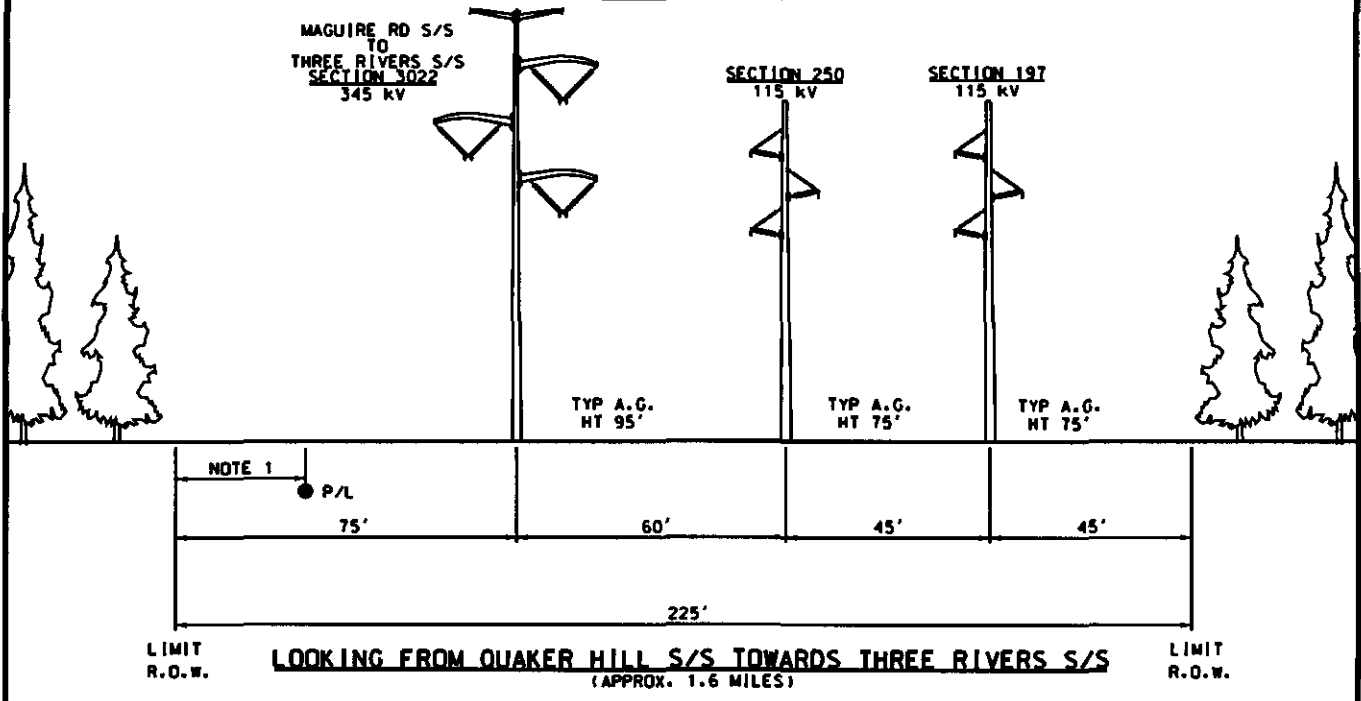
- 1) ROW cross-sections

NOTE 1: GAS PIPELINE LOCATION
VARIES ALONG R.O.W.

EXISTING

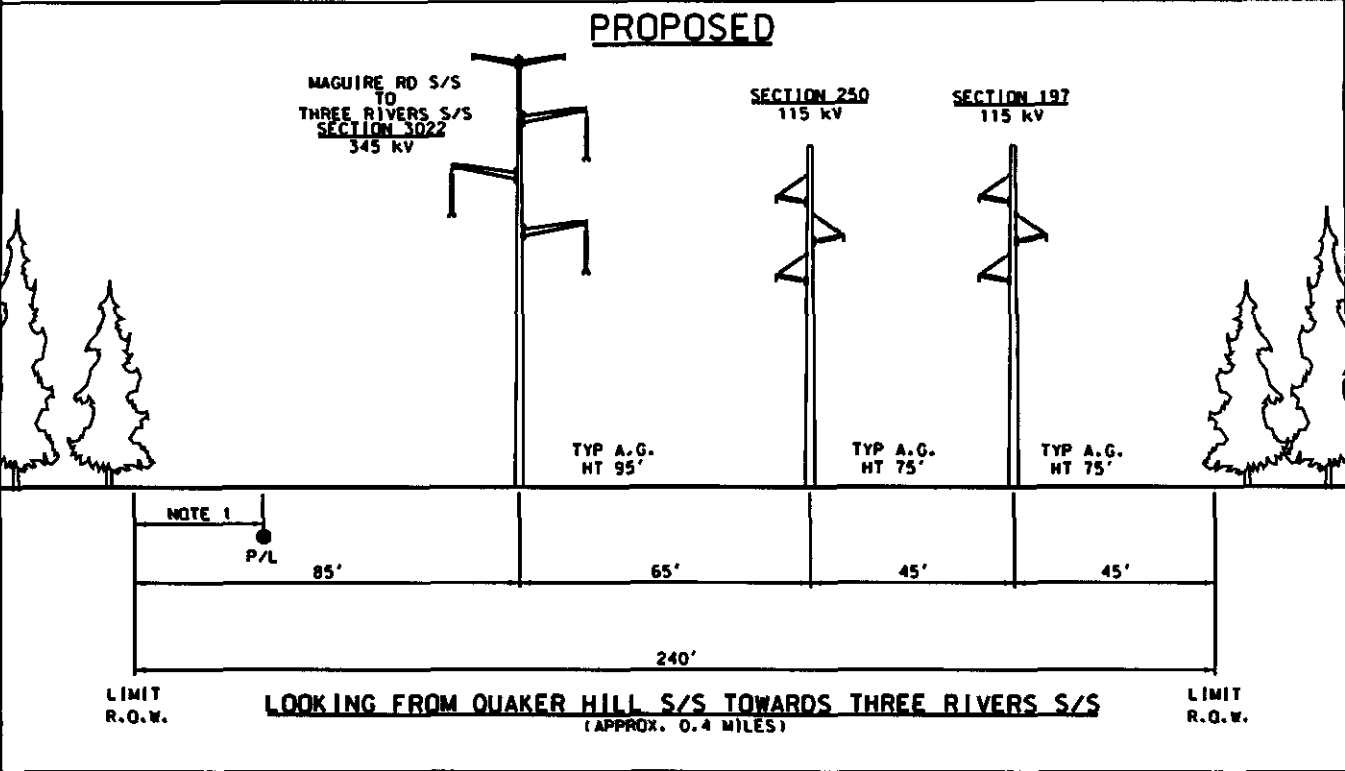
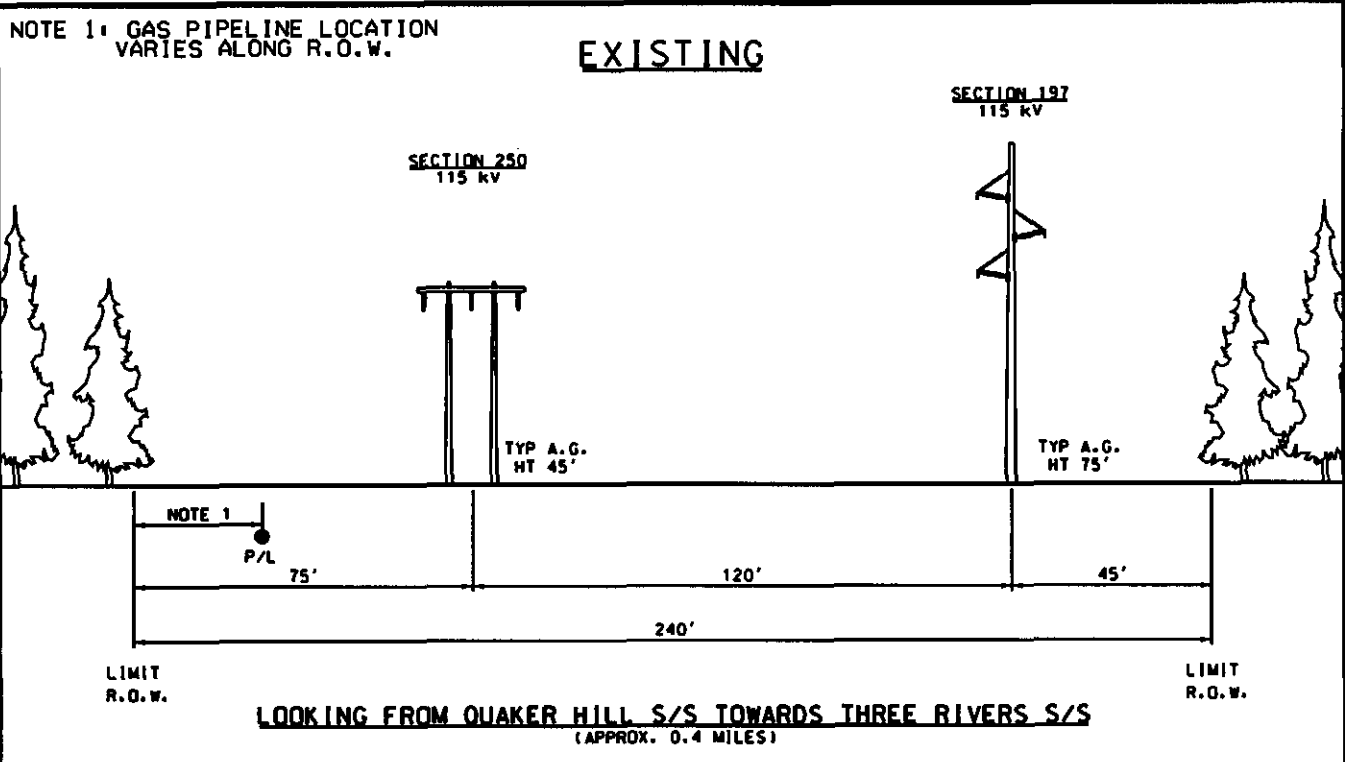


PROPOSED



THIS DRAWING SHALL
BE REVISED ON THE
CADD SYSTEM ONLY

- DRAFT -		SECTION 250	POLE 389 TO 410	STA. 1522+73.6 TO 1607+89.3			
FOR REVIEW ONLY		MAINE POWER RELIABILITY PROGRAM					
ENG. CONTRACTOR		EXISTING AND PROPOSED R.O.W.					
		ALTERNATIVE S1 (ELM) FOR N-1-1 ANALYSIS					
E	REVISED 53022/ UPDATED 110KV STRUCTURES	10/20/08	PEI	SEGMENT 27			
D	REVISED S197	8/5/08	PEI				
C	REVISED S197	4/11/08	PEI				
B	UPDATED	1/22/08	PEI				
A	ISSUED FOR REVIEW	9/26/07	PEI				
NO.	REVISION	DATE	BY	SCALE	NTS	CENTRAL MAINE POWER CO. TRANSMISSION ENGINEERING	SHEET S1-E-27-9



THIS DRAWING SHALL BE REVISED ON THE CADD SYSTEM ONLY

- DRAFT - FOR REVIEW ONLY		SECTION 250	POLE 410 TO S/S	STA. 1607+89.3 TO 1630+90
MAINE POWER RELIABILITY PROGRAM				
EXISTING AND PROPOSED R.O.W. ALTERNATIVE S1 (ELM) FOR N-1-1 ANALYSIS				
ENG. CONTRACTOR		CHECKED		DESIGNED KJF
		SGW		DATE 8/24/07
		9/13/07		DRAWN KGH
				APPR.
		CENTRAL MAINE POWER CO.		SEGMENT 27
		TRANSMISSION ENGINEERING		SHEET S1-E-27-10
NO.	REVISION	DATE	BY	SCALE NTS