

Hamre, John G.

From: Lein, Jerry R.
Sent: Friday, November 22, 2013 10:18 AM
To: Daniel McCourtney (ALLETE) (dmccourtney@allete.com)
Cc: Hamre, John G.
Subject: FW: Minnesota Powers SW Oliver (PU-11-620)- Structure Changes
Attachments: Structure Move Summary.pdf; bison_103line.pdf

Dan – Please consider this email to be staff approval of Minnesota Power’s structure location changes as requested below and described in the attachments. Thanks.

Jerry Lein
701 328-1035

From: Daniel McCourtney (ALLETE) [<mailto:dmccourtney@allete.com>]
Sent: Tuesday, November 19, 2013 11:24 AM
To: Lein, Jerry R.
Cc: David Moeller (ALLETE)
Subject: Minnesota Powers SW Oliver (PU-11-620)- Structure Changes

Good morning Jerry,

This is a follow-up on our conversation yesterday (11/18/13) about Minnesota Power’s SW Oliver 230 kV Transmission Line (PU-11-620). Minnesota Power is proposing to move the locations of 15 structures on its SW Oliver Transmission Line. The changes in structure location would range from 46-13 feet. In each case, the new location is within the 250 foot-wide project/survey corridor. Attached is a table showing the structure numbers their old and new coordinates and the distance each structure will need to be moved.

Also, attached is a map depicting:

- The entire transmission line route with both the original and new structure locations.
- The 14 new structure locations (both new and old) on the west side of the project.
- The 1 new structure location (both new and old) on the east side of the project.
- The project corridor, all moves are located within the project/survey corridor.

Please let me know if you need anything else or would like to discuss further. Thanks Jerry.

Regards,

Dan

Daniel McCourtney
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E-mail staff approval of structure location changes

Structure Number	Original coordinates		new coordinates		Distance Moved, (ft)
	Easting	Northing	Easting	Northing	
1	1,653,066.33	483,802.52	1,653,089.34	483,758.26	49.89
2	1,653,941.20	483,787.60	1,653,954.26	483,746.87	42.77
3	1,655,041.04	483,768.84	1,655,054.17	483,732.38	38.75
4	1,655,755.94	483,756.65	1,655,759.10	483,723.10	33.70
5	1,656,670.81	483,741.05	1,656,684.02	483,710.92	32.90
6	1,657,590.67	483,725.36	1,657,603.94	483,698.81	29.69
7	1,658,360.56	483,712.23	1,658,373.88	483,688.67	27.06
8	1,658,930.48	483,702.51	1,658,948.83	483,681.09	28.20
9	1,659,540.39	483,692.11	1,659,568.77	483,672.93	34.25
10	1,660,355.27	483,678.21	1,660,368.70	483,662.40	20.75
11	1,661,210.15	483,663.63	1,661,223.63	483,651.14	18.38
12	1,662,100.02	483,648.45	1,662,103.55	483,639.55	9.58
13	1,663,134.87	483,630.80	1,663,138.46	483,625.92	6.06
14	1,663,834.76	483,618.87	1,663,838.40	483,616.70	4.23
73	1,708,405.16	480,879.46	1708388.932	480877.609	16.33

