

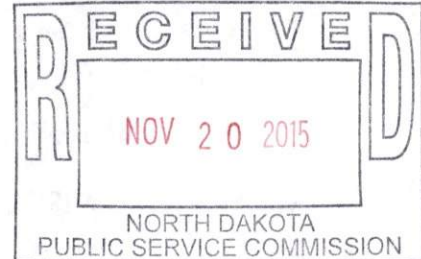


**Thomas Hillstrom**  
*Permitting Manager*

414 Nicollet Mall, MP-7B  
Minneapolis, Minnesota 55401  
Phone: (612) 584-8783  
Fax: (612) 330-6335  
Email: [thomas.hillstrom@xcelenergy.com](mailto:thomas.hillstrom@xcelenergy.com)

November 20, 2015

Jerry Lein  
North Dakota Public Service Commission  
Department 408  
600 East Boulevard Avenue  
Bismarck, ND 58505-0480



**Re: Case No. PU-07-759 Post Construction Report**

Dear Jerry:

We have received your letter of October 28, 2015 and provide this response. Your letter asks for four compliance assurances:

1) Order Provision 8 (Compliance with National Electric Safety Code)

The Engineer of Record has provided the attached letter assuring that the project was designed and constructed in compliance with the National Electric Safety Code.

2) Finding of Fact No. 30, Commission Order (September 12, 2012)

This finding states that NSP has consulted with United States Fish and Wildlife Service and has developed avian marking plan. The plan was developed and implemented. Locations of line marking are shown on the as-built drawings submitted on May 22, 2015.

3) Confirmation of participation in North Dakota One-Call program.

Xcel and its contractors complied with requirements of the North Dakota One-Call program as outlined in sections 49-07-01.1, 49-23-04, and 49-23-05 of the North Dakota Century Code.

262 PU-07-759 Filed: 11/20/2015 Pages: 16  
Response to Oct. 28, 2015 letter re post construction inspection report

Northern States Power Company

Thomas Hillstrom

- 4) Order Provision 15 (Tree and Shrub Mitigation). Provide annual reports of tree and shrub survival.

Reports of tree and shrub planting and first year survival are attached.

If you have any questions, please contact me at (612) 584-8783.

Sincerely,

A handwritten signature in black ink, appearing to read "T Hillstrom". The signature is written in a cursive style with a large, stylized initial "T".

Thomas G. Hillstrom

Attachments

TGH



POWER ENGINEERS, INC.

2041 SOUTH COBALT POINT WAY  
MERIDIAN, ID 83642 USA

PHONE 208-288-6100  
FAX 208-288-6199

November 18, 2015

Mr. Tom Hillstrom  
Xcel Energy  
414 Nicollet Mall, MP7  
Minneapolis, MN 55401

ENERGY

FACILITIES

COMMUNICATIONS

ENVIRONMENTAL

Subject: CapX2020 Fargo Project, Phase 3  
Design Verification for ND Permitting

Dear Mr. Hillstrom:

In response to your recent inquiry, POWER Engineers, Inc. does verify that the Fargo Project, Phase 3 was designed and constructed to meet or, most often times, exceed the design criteria established by the National Electrical Safety Code (NESC) C2 2007, which was the basis of record when design started.

POWER Engineers is the Engineer of Record for Phase 3, between Alexandria, MN and the Bison Substation, northwest of Fargo, ND.

If you have any other questions regarding the design verifications, please contact me at [aaron.boston@powereng.com](mailto:aaron.boston@powereng.com) or (208)-288-6286.

Sincerely,

Aaron Boston, PE, PMP  
Project Manager

Sent: via email

c: Rich Mues (PEI-STL)  
Dave Wedell (PEI-STL)  
Dale Schmoekel (PEI-ANN)

**TREE AND SHRUB  
PLANTING PLAN AND RECORD**

(File Code CONS-0)

Name Doug Trom Email \_\_\_\_\_ Address \_\_\_\_\_ Cell: 701-238-1885 Phone: \_\_\_\_\_



Condition of site  
at time of planting

(Good, Fair, Poor)

Quarter 28 Sec 139-51 Twp. / Range Durbin Twp: \_\_\_\_\_  
 Planned by \_\_\_\_\_ Planted by \_\_\_\_\_  
 Date \_\_\_\_\_ Date \_\_\_\_\_  
 Farmstead \_\_\_\_\_ Field \_\_\_\_\_ Wildlife \_\_\_\_\_  
 S/ Fallow \_\_\_\_\_ Replant \_\_\_\_\_  
 CRP \_\_\_\_\_ EQIP \_\_\_\_\_ CSP \_\_\_\_\_  
 Other (Indicate) \_\_\_\_\_  
 Between the row spacing \_\_\_\_\_  
 Soil Type Select Suitability Group \_\_\_\_\_  
 Soil Type Select Suitability Group \_\_\_\_\_  
 Soil Type Select Suitability Group \_\_\_\_\_  
 Protected from Grazing Yes (Yes or No)  
 Distance from road and/or Buildings \_\_\_\_\_  
 Approved \_\_\_\_\_ Date \_\_\_\_\_  
 By: \_\_\_\_\_ Title: \_\_\_\_\_

Hours expended by tree crew

Hours expended by tree crew	# people	Hours	Total hours
District Technician	1		
Tree Crew	6		

Field No.	Planning Length	Planted Length	Planted Width (inc. 10' on each side of planting)	Acres	Row #	Row #1 is on North or West Side of Planting	Spacing in row	Number Planted Estimated	Number Planted (Actual)	Spraying and/or cultivating Plan and Record. (State how weed control is to be accomplished: Type of spray & rate and/or type of cult. equip. -- indicating when action to take place.)
						Species of tree or Shrub				
						Maple, Silver		236	236	
						Chokecherry, Amur		20	20	
										We will Hand Plant the trees on the inside of the river bank. Mr Trom would like to be present for the planting. We will also apply Fabric squares on the newly planted trees
										\$3.50 per tree \$4.00 per fabric square
										site was not planted due to wetness it will be planted in 2016
Totals	0	0	0	0.0				256		





**TREE AND SHRUB  
PLANTING PLAN AND RECORD**

(File Code CONS-0)

Name Mike Dubord Email \_\_\_\_\_ Cell: (701) 281-2427  
Address \_\_\_\_\_ Phone: (701) 793-6573



Quarter 15 Sec 137-49 Twp. / Range Pleasant  
Planned by TP Planted by BR  
Date 10/23/2014 Date 5/5/2015  
Farmstead \_\_\_\_\_ Field XXX Wildlife \_\_\_\_\_  
S/ Fallow \_\_\_\_\_ Replant \_\_\_\_\_  
CRP \_\_\_\_\_ EQIP \_\_\_\_\_ LTA \_\_\_\_\_  
Other (Indicate) \_\_\_\_\_ CapX2020  
Between the row spacing \_\_\_\_\_ 14'  
Soil Type I293B Suitability Group 4ck  
Soil Type Select Suitability Group \_\_\_\_\_  
Soil Type Select Suitability Group \_\_\_\_\_

Protected from Grazing Yes (Yes or No)  
Distance from road and/or Buildings 100'  
Approved Yes Date 8/6/2015  
By: Tony Peterson Title: District Tech

Hours expended by tree crew

Hours expended by tree crew	# people	Hours	Total hours
District Technician	1		
Tree Crew	6		

Condition of site  
at time of planting

**Fair**  
(Good, Fair, Poor)

Field No.	Planning Length	Planted Length	Planted Width (inc. 10' on each side of planting)	Acres	Row #	Row #1 is on North or West Side of Planting	Spacing in row	Number Planted Estimated	Number Planted (Actual)	Spraying and/or cultivating Plan and Record. (State how weed control is to be accomplished: Type of spray & rate and/or type of cult. equip. -- indicating when action to take place.)					
						Species of tree or Shrub									
1	800	705	10	0.2	1	Willow, Sandbar	4	200	176	Fabric on all rows					
	800	705	24	0.4	2	Ash, Green	8	100	88.1	Sandbar willow did not receive fabric, there was very poor survival					
Totals									1600	1410	34	0.6	300	264	

U.S. Department of Agriculture  
Natural Resources Conservation Service

**2015**

ND-CONS-4

**TREE AND SHRUB  
PLANTING PLAN AND RECORD**

(File Code CONS-0)

Name Brian Duchscherer

Email \_\_\_\_\_  
Address 17538 50th ST SE Hickson, ND 58047

Cell: \_\_\_\_\_  
Phone: (701) 353-9774



Quarter 18 Sec 137-48 Twp. / Range #N/A  
Planned by TP Planted by BR  
Date 10/24/2014 Date 5/5/2015

Farmstead \_\_\_\_\_ Field \_\_\_\_\_ Wildlife XXX

S/ Fallow \_\_\_\_\_ Replant \_\_\_\_\_

CRP \_\_\_\_\_ EQIP \_\_\_\_\_ LTA \_\_\_\_\_  
Other (Indicate) CapX2020  
Between the row spacing 14'

Soil Type I248A Suitability Group 4c  
Soil Type Select Suitability Group \_\_\_\_\_  
Soil Type Select Suitability Group \_\_\_\_\_

Protected from Grazing Yes (Yes or No)  
Distance from road and/or Buildings OK

Approved Yes Date 8/25/2015  
By: Tony Peterson Title: District Tech

Hours expended by tree crew

Hours expended by tree crew	# people	Hours	Total hours
District Technician	1		
Tree Crew	6		

Condition of site  
at time of planting

**Good**

(Good, Fair, Poor)

Field No.	Planning Length	Planted Length	Planted Width (inc. 10' on each side of planting)	Acres	Row #	Row #1 is on North or West Side of Planting	Spacing in row	Number Planted Estimated	Number Planted (Actual)	Spraying and/or cultivating Plan and Record. (State how weed control is to be accomplished: Type of spray & rate and/or type of cult. equip. -- indicating when action to take place.)	
						Species of tree or Shrub					
1	540	215	10	0.1	1	Spruce, Black Hills	12	45	17.9	Fabric on all rows	
	510	215	24	0.3	2	Juniper, Rocky Mtn.	10	51	21.5		
	710	550	10	0.2	3	Maple, Silver	8	89	68.8		
	710	575	14	0.2	4	Spruce, Black Hills	10	71	57.5		
	135	95	14	0.0	5	Crabapple, Siberian	4	34	23.8		
	180	105	14	0.1	6	Cottonwood, Siouxiand	8	23	13.1		
	200	135	14	0.1	7	Oak, Bur	10	20	13.5		
	225	125	14	0.1	8	Juniper, Rocky Mtn.	12	19	10.4		
	260	180	14	0.1	9	Spruce, Black Hills	10	26	18		
	280	180	14	0.1	10	Juniper, Rocky Mtn.	12	23	15		
	300	180	14	0.1	11	Spruce, Black Hills	10	30	18		
	435	220	14	0.1	12	Oak, Bur	8	54	27.5		
	375	327	14	0.1	13	Ash, Green	10	38	32.7		
	590	425	14	0.2	14	Crabapple, Siberian	4	148	106		
	645	660	14	0.2	15	Cottonwood, Siouxiand	8	81	82.5		
	645	660	24	0.4	16	Willow, Sandbar	4	161	165		
		265					4		66.3		
<b>Totals</b>								911	758		



U.S. Department of Agriculture  
Natural Resources Conservation Service

**2015**

ND-CONS-4

**TREE AND SHRUB  
PLANTING PLAN AND RECORD**

(File Code CONS-0)

Name Brian Duchscherer Email \_\_\_\_\_ Address \_\_\_\_\_ Cell: \_\_\_\_\_  
Phone: (701) 353-9774



Quarter 18 Sec 137-48 Twp. / Range #N/A  
Planned by TP Planted by BR  
Date 10/24/2014 Date 5/5/2015

Farmstead \_\_\_\_\_ Field \_\_\_\_\_ Wildlife XXX

S/ Fallow \_\_\_\_\_ Replant \_\_\_\_\_

CRP \_\_\_\_\_ EQIP \_\_\_\_\_ LTA \_\_\_\_\_  
Other (Indicate) CapX2020

Between the row spacing 14'

Soil Type I248A Suitability Group 4c  
Soil Type Select Suitability Group \_\_\_\_\_  
Soil Type Select Suitability Group \_\_\_\_\_

Protected from Grazing Yes (Yes or No)  
Distance from road and/or Buildings OK

Approved Yes Date 8/25/2015  
By: Tony Peterson Title: District Tech

Condition of site  
at time of planting

**Good**

(Good, Fair, Poor)

Hours expended by tree crew

Hours expended by tree crew	# people	Hours	Total hours
District Technician	1		
Tree Crew	6		

Field No.	Planning Length	Planted Length	Planted Width (inc. 10' on each side of planting)	Acres	Row #	Row #1 is on North or West Side of Planting	Spacing in row	Number Planted Estimated	Number Planted (Actual)	Spraying and/or cultivating Plan and Record. (State how weed control is to be accomplished: Type of spray & rate and/or type of cult. equip. -- indicating when action to take place.)			
						Species of tree or Shrub							
3	80	245	10	0.0	1	Willow, Sandbar	4	20	61.3	Fabric on all rows			
	120	245	24	0.1	2	Ash, Green	8	15	30.6				
	400	500	10	0.1	3	Willow, Sandbar	4	100	125				
	400	175	14	0.1	4	Cottonwood, Siouxland	8	50	21.9				
	475	265	14	0.2	5	Oak, Bur	10	48	26.5				
	245	125	14	0.1	6	Crabapple, Siberian	6	41	20.8				
	250	135	14	0.1	7	Spruce, Black Hills	10	25	13.5				
	235	165	14	0.1	8	Juniper, Rocky Mtn.	8	29	20.6				
	235	250	14	0.1	9	Spruce, Black Hills	10	24	25				
	235	200	14	0.1	10	Crabapple, Siberian	6	39	33.3				
	100	125	14	0.0	11	Maple, Silver	8	13	15.6				
	70	100	14	0.0	12	Oak, Bur	10	7	10				
		190	24		13	Ash, Green	8		23.8				
<b>Totals</b>								2845	2720	194	0.9	410	428

**TREE AND SHRUB  
PLANTING PLAN AND RECORD**

(File Code CONS-0)

Name Brian Duchscherer Email \_\_\_\_\_ Cell: \_\_\_\_\_  
Address 17538 50th St SE Hickson, ND 58047 Phone: (701) 353-9774



Quarter 18 Sec 137-48 #N/A  
Planned by TP Twp. / Range \_\_\_\_\_ Planted by BR  
Date 10/24/2014 Date 5/5/2015  
Farmstead \_\_\_\_\_ Field \_\_\_\_\_ Wildlife XXX  
S/ Fallow \_\_\_\_\_ Replant \_\_\_\_\_  
CRP \_\_\_\_\_ EQIP \_\_\_\_\_ LTA \_\_\_\_\_  
Other (Indicate) \_\_\_\_\_ CapX2020 \_\_\_\_\_  
Between the row spacing \_\_\_\_\_ 14'  
Soil Type I248A Suitability Group 4c  
Soil Type Select Suitability Group \_\_\_\_\_  
Soil Type Select Suitability Group \_\_\_\_\_

Protected from Grazing Yes (Yes or No)  
Distance from road and/or Buildings OK  
Approved Yes Date 8/25/2015  
By: Tony Peterson Title: District Tech

Hours expended by tree crew

Hours expended by tree crew	# people	Hours	Total hours
District Technician	1		
Tree Crew	6		

Condition of site at time of planting Good  
(Good, Fair, Poor)

Field No.	Planning Length	Planted Length	Planted Width (inc. 10' on each side of planting)	Acres	Row #	Row #1 is on North or West Side of Planting	Spacing in row	Number Planted Estimated	Number Planted (Actual)	Spraying and/or cultivating Plan and Record. (State how weed control is to be accomplished: Type of spray & rate and/or type of cult. equip. -- indicating when action to take place.)			
						Species of tree or Shrub							
4	205	60	10	0.0	1	Oak, Bur	10	21	6	Fabric on all rows			
	205	75	10	0.0	2	Crabapple, Siberian	6	34	12.5				
	205	120	10	0.0	3	Ash, Green	8	26	15				
	205	125	14	0.1	4	Juniper, Rocky Mtn.	10	21	12.5				
	205	10	14	0.1	5	Spruce, Black Hills	12	17	2				
	205	90	14	0.1	6	Ash, Green	8	26	11.3				
	75	160	14	0.0	7	Crabapple, Siberian	6	13	26.7				
	60	175	14	0.0	8	Oak, Bur	10	6	17.5				
		75			9	Maple, Silver	8		10				
Totals								1365	890	100	0.4	162	113





U.S. Department of Agriculture  
Natural Resources Conservation Service

**2015**

ND-CONS-4

**TREE AND SHRUB  
PLANTING PLAN AND RECORD**

(File Code CONS-0)

Name Edward and JoAnna Jameson Email \_\_\_\_\_ Cell: (701) 866-4220  
Address 16750 49th St. SE Kindred, ND 58051 Phone: (701) 361-5572



**NE 11 137-50 Normanna**  
Quarter Sec Twp. / Range Twp:  
Planned by TP Planted by TP  
Date 10/27/2014 Date 5/4/2015  
Farmstead \_\_\_\_\_ Field \_\_\_\_\_ Wildlife XXX  
S/ Fallow \_\_\_\_\_ Replant \_\_\_\_\_  
CRP \_\_\_\_\_ EQIP \_\_\_\_\_ LTA \_\_\_\_\_  
Other (Indicate) \_\_\_\_\_ CapX2020 \_\_\_\_\_  
Between the row spacing 12'  
Soil Type I480A Suitability Group 1k  
Soil Type Select Suitability Group \_\_\_\_\_  
Soil Type Select Suitability Group \_\_\_\_\_

Protected from Grazing Yes (Yes or No)  
Distance from road and/or Buildings OK  
Approved Yes Date 8/19/2015  
By: Tony Peterson Title: District Tech

Hours expended by tree crew

Hours expended by tree crew	# people	Hours	Total hours
District Technician	1		
Tree Crew	6		

Condition of site  
at time of planting

**Good**  
(Good, Fair, Poor)

Field No.	Planning Length	Planted Length	Planted Width (inc. 10' on each side of planting)	Acres	Row #	Row #1 is on North or West Side of Planting	Spacing in row	Number Planted Estimated	Number Planted (Actual)	Spraying and/or cultivating Plan and Record. (State how weed control is to be accomplished: Type of spray & rate and/or type of cult. equip. -- indicating when action to take place.)			
						Species of tree or Shrub							
1	365	350	10	0.1	1	Spruce, Black Hills	12	30	29	Fabric on all rows			
	365	350	12	0.1	2	Cottonwood, Siouxland	8	46	44				
	365	350	12	0.1	3	Oak, Bur	10	37	35				
	365	350	12	0.1	4	Crabapple, Siberian	6	61	58				
	365	350	22	0.2	5	Dogwood, Redosier	4	91	88				
2	125	100	10	0.0	1	Ash, Green	8	16	12				
	125	100	22	0.1	2	Crabapple, Siberian	6	21	24				
3	105	95	10	0.0	1	Dogwood, Redosier	4	26	24				
	105	95	12	0.0	2	Oak, Bur	10	11	9				
	105	95	22	0.1	3	Cottonwood, Siouxland	8	13	12				
1		175			6	Crabapple, Siberian	6		29				
<b>Totals</b>								2390	2410	144	0.8	351	364



