

400 North Fourth Street
Bismarck, ND 58501
(701) 222-7900



April 22, 2013

Attn: Darrell Nitschke
Public Service Commission – State Capital Dept. 408
600 East Boulevard Ave
Bismarck, ND 58505-0480

Subject: Heskett 3 Project (PU-11-631) permits

Dear Mr. Nitschke:

Please see the enclosed Heskett 3 Project permits for docketing into the record. The project general contractor (Corval Group, Beulah, ND) has requested to mobilize office trailers and some of their equipment prior to the May 1, 2013 pre-construction meeting. Aaron Armbricht with Segal Inc. will be following up this letter with a phone call to Mr. Jerry Lein to discuss the contractors requested activities. If you have any questions for me please give me a call.

Sincerely,

A handwritten signature in blue ink, appearing to read "BU", with a long horizontal line extending to the right.

Brian Ulberg
Power Production Engineer
Montana-Dakota Utilities Co.
701-222-7681

cc. Aaron Armbricht, Segal Inc.

Email Correspondences

Ulberg, Brian

From: Aaron Armbrecht [aarmbrecht@segainc.com]
Sent: Friday, April 19, 2013 1:24 PM
To: Thiessen, Peter; Welte, Alan; Ulberg, Brian
Cc: Adam Ross; Keenan Johnson; James Heaney, Jr.
Subject: MDU PSC Pre-Con Attendance (11-274-02 CN 140094)

Team-

I spoke with Jerry Lein of the Public Service Commission (PSC) this afternoon. We discussed his attendance at the pre-construction meeting, and he confirmed that he should be available at 1 p.m. on May 1st for the meeting at the downtown Montana-Dakota office. I agreed to provide Jerry the final agenda so he was aware of the topics of discussion.

We also discussed the how the permitting records should be provided to the PSC prior to the each specific construction activity.

- Permits and licenses can be filed electronically
 - Send all permit and/or approval letters (emails)
 - Send to ndpsc@nd.gov with description and case number (PU-11-631) enclosed for filing
 - Copy Jerry on e-filing emails – jlein@nd.gov

- Permits and licenses also filed with hard copies
 - Attn: Darrell Nitschke - Exec. Director
Public Service Commission – State Capital Dept. 408
600 East Boulevard Avenue
Bismarck, ND 58505-0480

Please let us know how we can help with this process.

Regards,

Aaron Armbrecht, P.E.*

Staff Civil Engineer
Sega Inc.
16041 Foster Street, P.O. Box 1000
Overland Park, KS 66085-1000
O: 913.681.2881 x. 5281
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* Licensed in AZ, FL, KS, MO, ND

Ulberg, Brian

From: Ulberg, Brian
Sent: Monday, April 22, 2013 9:31 AM
To: 'jlein@nd.gov'
Cc: 'ndpsc@nd.gov'; Aaron Armbrecht (aarmbrecht@segainc.com); Thiessen, Peter; Welte, Alan
Subject: MDU Heskett 3 Project (Case Number PU-11-631)
Attachments: 130418 - Interstate Engineering-MDU Stormwater.pdf; 130222-Heskett 3 Final Air Pollution PTC.pdf; 130409 - City of Mandan Building Permit.pdf; 130415 - NOI_Application_Corval & MDU Signed.pdf

Mr. Lein,

Please see the attached Heskett 3 Project permits for your reference. The project general contractor (Corval Group, Beulah, ND) has requested to mobilize office trailers and some of their equipment prior to the May 1, 2013 pre-construction meeting. Aaron Armbrecht with Segal Inc. will be following up this email with a phone call to discuss the contractors requested activities. If you have any questions for me please give me a call.

Regards,

Brian Ulberg

Engineer - Power Production
Montana-Dakota Utilities Co.
400 North Fourth Street
Bismarck, ND 58501-4092
Office: 701-222-7681 | Cell: 701-400-5150

130418 – Interstate Engineering-MDU Stormwater .pdf

Aaron Armbrecht

From: Kim R. Fettig
Sent: Thursday, April 18, 2013 2:53 PM
To: Aaron Armbrecht
Subject: RE: contact information
Attachments: Interstate Engineering-MDU Stormwater.pdf

Aaron,

I have attached the letter from Interstate Engineering per our conversation. According to the letter everything seems to meet the requirements for the storm water so therefore the City of Mandan is in agreement of the approval of the final Storm Water Calculations for the MDU Heskett Station Unit 3 Project.

Sincerely,

Kim Fettig
Engineering Project Manager
City of Mandan
205 2nd Ave. NW
Mandan, ND 58554
701-667-3225
kfettig@cityofmandan.com

From: Aaron Armbrecht [<mailto:aarmbrecht@segainc.com>]
Sent: Thursday, April 18, 2013 1:40 PM
To: Kim R. Fettig
Subject: contact information

Aaron Armbrecht, P.E.*
Staff Civil Engineer
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Kim Fettig
Engineering Project Manager
City of Mandan
205 2nd Ave. NW
Mandan, ND 58554

Re: Storm Water Calculations Review
MDU Utilities, Heskett Unit 3 Project
Mandan, North Dakota
M13-03-072.05

Dear Ms. Fettig:

We have reviewed the storm water calculations for the referenced project and find that the final version of the calculations and related plan sheets are consistent with the storm water requirements of Section 14 as applicable to the information provided.

The calculations and plan details provide that the post-development conditions do not exceed the pre-development regarding peak runoff for 2, 10 and 100 year events. To accomplish such, the project includes a storm water detention pond with contributing storm water piping systems that allow a controlled release of storm water runoff.

My understanding with the design firm is that they will be sending multiple copies of the final runoff calculations and plans to the City of Mandan for their use.

If there are any questions regarding the details of this review, please feel free to contact me.

Sincerely,
INTERSTATE ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Daren Peterka', is written over a horizontal line.

Daren Peterka, P.E.

c: Jeff Wright, City of Mandan
Michael Aubel, Morton County

Professionals you need, people you trust

130222-Heskett 3 Final Air Pollution PTC.pdf



NORTH DAKOTA
DEPARTMENT of HEALTH

ENVIRONMENTAL HEALTH SECTION
Gold Seal Center, 918 E. Divide Ave.
Bismarck, ND 58501-1947
701.328.5200 (fax)
www.ndhealth.gov



AIR POLLUTION CONTROL PERMIT TO CONSTRUCT

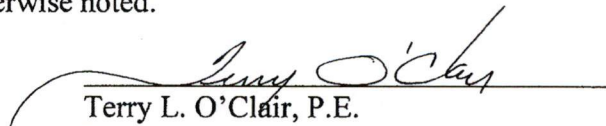
Permittee: Name: Montana-Dakota Utilities Co. Address: 400 N 4 th Street Bismarck, ND 58501	Permit Number: PTC13016 Source Name: R.M. Heskett Station Unit 3 Combustion Turbine
Source Location: Morton County	Source Type: Combustion Turbine

Expiration Date:

See Condition 6.C.2

Pursuant to Chapter 23-25 of the North Dakota Century Code, and the Air Pollution Control Rules of the State of North Dakota, Article 33-15 of the North Dakota Administrative Code (NDAC), and in reliance on statements and representations heretofore made by the permittee designated above, a Permit to Construct is hereby issued authorizing such permittee to construct and initially operate the emissions unit(s) at the location designated above. This Permit to Construct is subject to all applicable rules and orders now or hereafter in effect of the North Dakota Department of Health and to any conditions specified on the following pages. All conditions are enforceable by EPA and citizens under the Clean Air Act unless otherwise noted.

Issued: 2/22/13


 Terry L. O'Clair, P.E.
 Director
 Division of Air Quality

Environmental Health
Section Chief's Office
701.328.5150

Division of
Air Quality
701.328.5188

Division of
Municipal Facilities
701.328.5211

Division of
Waste Management
701.328.5166

Division of
Water Quality
701.328.5210

Heskett Station
Combustion Turbine
Permit to Construct
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Abbreviations and Acronyms

acfm	-	Actual Cubic Feet Per Minute
ASTM	-	American Society for Testing and Materials
avg.	-	Average
BACT	-	Best Available Control Technology
BMP	-	Best Management Practices
CEMS	-	Continuous Emissions Monitoring System
CO	-	Carbon Monoxide
CO ₂	-	Carbon Dioxide
CPM	-	Condensable Particulate Matter
DLN	-	Dry Low NO _x
dscf	-	Dry Standard Cubic Feet
EP	-	Emission Point
EU	-	Emission Unit
gr	-	Grains
HAP	-	Hazardous Air Pollutant
HHV	-	Higher Heating Value
hr	-	Hour
lb/hr	-	Pounds Per Hour
lb/10 ⁶ Btu	-	Pounds Per Million British Thermal Units
lb/MWe-hr	-	Pounds Per Megawatt Hour
LDAR	-	Leak Detection and Repair
MDU	-	Montana-Dakota Utilities Co.

MWe	-	Megawatts of Electricity
NO _x	-	Nitrogen Oxides
N/A	-	Not Applicable
NSPS	-	New Source Performance Standards (40 CFR 60)
PM	-	Particulate Matter
PM ₁₀	-	Particulate Matter with an Aerodynamic Diameter Equal to or Less Than 10 Micrometers in Diameter
PM _{2.5}	-	Particulate Matter with an Aerodynamic Diameter Less Than or Equal to 2.5 Micrometers
ppmvd	-	Parts per Million by Volume on a Dry Basis
PSD	-	Prevention of Significant Deterioration
r.a.	-	Rolling average
scf	-	Standard Cubic Feet
SO ₂	-	Sulfur Dioxide
SF ₆	-	Sulfur Hexafluoride
TBD	-	To Be Determined
VOC	-	Volatile Organic Compounds
4 h.r.a.	-	4-hour Rolling Average
30-d.r.t.	-	30-Day Rolling Total
12 m.r.t.	-	12 Month Rolling Total

1. **General Information:**

- A. Facility Name: R.M. Heskett Station, Combustion Turbine
- B. Existing Source Classification: PSD Major Source, HAP Area Source
- C. Process Description: MDU has proposed to construct a natural gas-fired combustion turbine at the existing R.M. Heskett Station. The turbine has a rated heat input of 986×10^6 Btu/hr and 88 MWe at 43°F and 100% load. The turbine is a simple cycle design that will be used to provide peaking power to the electric transmission grid.

Additional sources of emissions include an in-line pipeline heater rated at 5×10^6 Btu/hr and a circuit breaker. SF₆ is used as an insulating gas for the interconnect circuit breaker. Fugitive emission of SF₆ from the breaker will contribute to greenhouse gas emissions.

2. **Emission Unit(s) Identification:**

The new emission units regulated by this permit are as follows:

Table 1
 Emission Units

Emission Unit Description	Emission Unit (EU)	Emission Point (EP)	Air Pollution Control Equipment
Unit 3 - Combustion Turbine (986×10^6 Btu/hr nominal heat input)	6	6	DLN
In-line Heater (5×10^6 Btu/hr nominal heat input)	7	7	None
Unit 3 Interconnect Circuit Breaker	Fug.	Fug.	None

3. **Construction Restrictions:**

- A. This Permit to Construct allows the construction and initial operation of the above-mentioned emission units. The source units may be operated under this Permit to Construct until a revision to the Title V Permit to Operate for the R.M. Heskett Station is issued unless this permit is suspended or revoked. The source is subject to all applicable rules, regulations, and orders now or hereafter in effect of the North Dakota Department of Health (hereafter referred to as the Department) and to the conditions specified herein.
- B. This Permit to Construct is issued in reliance upon the accuracy and completeness of the information set forth in the application. Notwithstanding the tentative nature of this information, the conditions of this permit herein become, upon the effective date of this permit, enforceable by the Department pursuant to any remedies it now has or may in the future have, under the North Dakota Air Pollution Control Law, NDCC Chapter 23-25. Each and every condition of this permit is a material part thereof, and is not severable.

Applicable Requirement: NDAC 33-15-14-02

4. **Fuel Restrictions:**

- A. Pipeline Quality Natural Gas: EU 6 and 7 shall be operated using only pipeline quality natural gas as defined in NDAC 33-15-01. The sulfur content of the gas shall not exceed 2 gr/100 scf.

Applicable Requirement: NDAC 33-15-14-02.9.f

5. **Emission Unit(s) Limits:**

- A. Combustion Turbine NO_x:

For purposes of determining compliance with the NO_x limits on a ppm basis specified in Condition 5.D, the procedures specified in 40 CFR 60, Subpart KKKK shall be used. The permittee shall calculate a rolling average if a valid NO_x emission rate is obtained for at least 3 of the 4 hours. For 4-hour periods during which the two different limits apply, the allowable emission rate is the average of the applicable limit during each hour. The higher limit applies for the hour if at any point in the hour, the unit was subject to the higher limit.

The 1-hour NO_x limit in Condition 5.D applies for all periods of operation.

- B. Combustion Turbine CO:

For purposes of determining compliance with the emission limit in Condition 5.D, the permittee shall calculate a 4-hour rolling average (ppm basis) if a valid CO emission rate is obtained for at least 3 of the 4 hours in which EU 6 is operating above 50 MWe for the entire hour.

The 30-day rolling total limit (27.0 tons) shall be calculated by summing all of the valid 1-hour emission rates (when EU 6 is at or below 50 MWe) within 30 consecutive operating days and converting to short tons. This limit applies at all times when the 25 ppmvd @ 15% O₂ limit does not apply.

- C. GHG Emissions:

1. Combustion Turbine GHG:

The permittee shall determine compliance with the GHG limit (CO₂e) specified in Condition 5.D using one of the methods in 40 CFR 75.10(a)(3) to determine CO₂ emissions and adding emissions of nitrous oxide (N₂O) and methane (CH₄) which are calculated on a CO₂e basis. The methane and nitrous oxide emissions (CO₂e basis) shall be determined using emission factors and global warming potentials in 40 CFR Part 98, along with the heat input to the turbine. The heat input to the turbine shall be calculated from the amount of natural gas burned (as measured in accordance with Condition 8.G.) and the higher heating value of the natural gas. All emission rates shall be converted to short tons. Other site specific emission factors for the N₂O and CH₄ emission and methods for calculating the heat input to the turbine may be used provided they are approved by the Department in advance.

2. In-line Heater:

The permittee shall determine compliance with GHG limit (CO₂e) specified in Condition 5.D by calculating the CO₂e emissions in accordance with 40 CFR 98 and converting the value to short tons. N₂O and CH₄ emissions (CO₂e basis) shall be added to CO₂ emissions to determine compliance with the limit.

D. Emission Limits:

Table 2

Emission Unit Description	EU	EP	Pollutant/Parameter	Emission Limit	Applicable Requirement
Combustion Turbine	6	6	NO_x		
			> 50 MWe (gross) and >0°F	9 ppmvd @ 15% O ₂ (4 h.r.a.)	NDAC 33-15-15-01.2 BACT
			≤ 50 MWe (gross) or < 0°F	96 ppmvd @ 15% O ₂ (4 h.r.a.)	NDAC 33-15-15-01.2 BACT
			Anytime	399 lb/hr (1-hr avg.)	NDAC 33-15-02-04
			CO		
			> 50 MWe (gross)	25 ppmvd @ 15% O ₂ (4.h.r.a.)	NDAC 33-15-15-01.2 BACT
			≤ 50 MWe (gross)	27.0 tons (30 d.r.t.)	NDAC 33-15-15-01.2 BACT
			PM₁₀/PM_{2.5} (filterable and condensable)	7.3 lb/hr	NDAC 33-15-15-01.2 BACT
			SO₂	See Condition 4	NDAC 33-15-14-02.9
			Visible Emissions	20% opacity	NDAC 33-15-03-02
GHG (CO ₂ e)	413,198 tons (12-month rolling total)	NDAC 33-15-15-01.2 BACT			
Hours of Operation	7,350 hr/yr	NDAC 33-15-14-02.9			
In-line Heater	7	7	PM₁₀/PM_{2.5}/CO/NO_x/CO₂	See Condition 4 Good combustion practices (see condition 6.D)	NDAC 33-15-15-01.2 BACT
			GHG	2,583 tons	NDAC 33-15-15-01.2

			(CO ₂ e)	(12-month rolling total)	BACT
Circuit Breaker	Fug.	Fug.	SF ₆	LDAR (see condition 6.A.)	NDAC 33-15-15-01.2 BACT

E. Visible Emissions Limits:

The emission units listed above shall not exceed the following opacity limits:

- 1) Point Sources: Twenty percent, except that a maximum of 40% is permissible for not more than one six-minute period per hour. This limit applies at all times. Compliance with this visible emissions limit shall be determined by conducting observations in accordance with NDAC 33-15-03-05 (Method 9 of 40 CFR 60, Appendix A as incorporated by reference into NDAC 33-15-12).

Applicable Requirement: NDAC 33-15-03-02

- 2) Fugitive Emissions: The permittee shall not discharge into the ambient air any air contaminant which exhibits an opacity greater than 40% for more than one six-minute period per hour. Such visible emissions shall have been visibly transported off the property of emission origination and remains visible to an observer positioned off said property when sighting along a line which does not cross the property of emission origination.

Applicable Requirement: NDAC 33-15-03-03

6. **Other Conditions:**

- A. SF₆ Interconnect Circuit Breaker LDAR: The permittee shall implement a leak detection and repair program to minimize emissions from equipment filled with SF₆ that is installed as part of the Unit 3 – Combustion Turbine project. The program shall include quarterly leak inspections, monitoring and automatic pressure device alarming for SF₆ leakage. The permittee shall maintain a record of all monitoring, inspections, pressure device alarms, and all repairs regarding SF₆ leakage.

Applicable Requirement: NDAC 33-15-01.2 – BACT

- B. Compliance: The permittee shall comply with all State and Federal environmental laws and rules. In addition, the permittee shall comply with all local building, fire, zoning, and other applicable ordinances, codes, rules and regulations.

Applicable Requirement: NDAC 33-15-14-02.9

- C. Construction: Construction of the facility shall be in accordance with information provided in the Permit to Construct application as well as any plans, specifications and supporting data submitted to the Department.

1) Deviations:

- a) The Department shall be notified at least ten days in advance of any significant deviations from the Permit to Construct application as well as any plans, specifications or supporting data furnished. The issuance of this Permit to Construct may be suspended or revoked if the Department determines that a significant deviation from the plans permit application, specifications, and supporting data furnished has been or is to be made.
- b) Any violation of a condition issued as part of this Permit to Construct as well as any construction which proceeds in variance with any information submitted in the application, is regarded as a violation of construction authority and is subject to enforcement action.

Applicable Requirement: NDAC 33-15-14-02.9

- 2) Construction Commencement: This Permit to Construct shall become invalid if construction is not commenced within eighteen months after receipt of such permit, if construction is discontinued for a period of eighteen months or more; or if construction is not completed within a reasonable time. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

Applicable Requirement: NDAC 33-15-14-02.10

- 3) Initial Startup: A notification of the anticipated date of initial startup of the facility must be submitted to the Department not more than 60 days nor less than 15 days prior to such date. A notification of the actual date of initial startup shall be submitted within 15 days after such date.

Applicable Requirement: NDAC 33-15-14-02.9.d

- 4) Permit Application Processing: The permittee shall pay permit application processing fees in accordance with NDAC 33-15-23-02.2.

Applicable Requirement: NDAC 33-15-23-02.2

D. Best Management Practices:

General: At all times, including periods of startup, shutdown and malfunction, the permittee shall, to the extent practicable, maintain and operate any affected emission unit including associated air pollution control equipment in a manner consistent with good air pollution control and good combustion practice for minimizing emissions.

Applicable Requirement: NDAC 33-15-14-02.9

- E. New Source Performance Standards (NSPS): The permittee shall comply with the applicable requirements of NDAC 33-15-12-02 including:

Subpart A - General Provisions

Subpart KKKK - Standards of Performance for Stationary Gas Turbines

Applicable Requirement: NDAC 33-15-12

F. Acid Rain Program:

The permittee shall comply with the applicable requirements of 40 CFR 72, 75 and 76. The permittee shall hold sulfur dioxide allowances, as of the allowance transfer deadline, in the unit's subaccount not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit.

Applicable Requirement: NDAC 33-15-21

G. Title V Permit to Operate Application:

Within 12 months after commencing operation of the combustion turbine, the permittee shall submit an application for an amendment to the Title V Permit to Operate for the R.M. Heskett Station.

Applicable Requirement: NDAC 33-15-14-06

7. **Emissions Testing:**

- A. Initial Testing: Within 60 days after achieving the maximum production rate at the plant, but not later than 180 days after startup, the permittee shall conduct emissions tests using an independent testing firm, to determine the compliance status of the facility with respect to the emission limits specified in Table 2. The continuous emissions monitors required under the Acid Rain Program and this permit for the combustion turbine shall be certified (performance evaluations completed and requirements met) within the time frames specified above and prior to the emissions test for the pollutant the CEM is measuring. The testing of the emissions unit shall be accomplished in accordance with the requirements listed below:

Table 3
Emissions Testing

Emission Unit Description	EU	EP	Contaminant	Number of Runs	Length of Runs (min.)	Test Method(s)
Combustion Turbine	6	6	PM ₁₀ /PM _{2.5} (filterable)	3	120 (minimum)	1-4, 201a
			PM ₁₀ /PM _{2.5} (CPM)	3	120 (minimum)	202
			NO _x	N/A	N/A	CEM

Emission Unit Description	EU	EP	Contaminant	Number of Runs	Length of Runs (min.)	Test Method(s)
			CO	N/A	N/A	CEM
			CO ₂	N/A	N/A	Methods in 40 CFR 75.10(a)(3)
			Opacity	3	18	9

NOTE: Test methods and sampling times different from those listed in Table 3 may be used if approved in advance by the Department.

Applicable Requirement: NDAC 33-15-12; NDAC 33-15-14-02.9.b

- B. Notification: The permittee shall notify the Department using the form in the Emission Testing Guideline, or its equivalent, at least 30 calendar days in advance of any tests of emissions of air contaminants required by the Department. If the permittee is unable to conduct the performance test on the scheduled date, the permittee shall notify the Department at least five days prior to the scheduled test date and coordinate a new test date with the Department.

Applicable Requirement: NDAC 33-15-01-12.1

- C. Sampling Ports/Access:

- 1) Sampling ports shall be provided downstream of all emission control devices and in a flue, conduit, duct, stack or chimney arranged to conduct emissions to the ambient air.
- 2) The ports shall be located to allow for reliable sampling and shall be adequate for test methods applicable to the facility. Safe sampling platforms and safe access to the platforms shall be provided. Plans and specifications showing the size and location of the ports, platform and utilities shall be submitted to the Department for review and approval.
- 3) Where the emission point is not a stack (e.g. blower) the permittee shall construct the appropriate temporary ducting or stack as necessary to assure an accurate test, when directed to do so by the Department.

Applicable Requirement: NDAC 33-15-14-02.14

8. Monitoring Requirements and Conditions:

- A. Requirements: Monitoring will be in accordance with the requirements of all applicable regulations and directives including those in 40 CFR 60, Subpart KKKK and 40 CFR 75.

Applicable Requirement: NDAC 33-15-14-06.5.b(1), NDAC 33-15-12, NDAC 33-15-21

- B. Carbon Monoxide CEMS: The permittee shall install, calibrate, operate and maintain equipment for continuously monitoring the carbon monoxide emission rate from the stack. The systems

shall report carbon monoxide emissions in units of ppmvd and lb/hr. The monitoring systems shall comply with the requirements of 40 CFR 60, Appendix B, Performance Specification 4. Quality assurance shall be in accordance with 40 CFR 60, Appendix F.

Applicable Requirement: NDAC 33-15-14-02.9.a

- C. Other CEMs: The permittee shall install, calibrate, operate and maintain continuous emission monitors for nitrogen oxides and oxygen in accordance with the requirements of 40 CFR 75 and 40 CFR 60, Subpart KKKK.
 - D. The permittee shall, on a monthly basis, calculate and record the greenhouse gas emissions from the in-line heater in accordance with Condition 5.C.2.
 - E. The permittee shall install, calibrate, operate and maintain equipment for measuring and recording the gross energy output (MWe) on a hourly basis in accordance with 40 CFR 60, Subpart KKKK.
 - F. The permittee shall install, calibrate, operate, and maintain equipment to measure and record the ambient temperature at the site on an hourly basis in accordance with 40 CFR 60, Subpart KKKK.
 - G. The permittee shall install, calibrate, operate and maintain equipment to measure and record the quantity of natural gas combusted in EU 6 and 7 in accordance with 40 CFR 60, Subpart KKKK.
 - H. The permittee shall determine the gross calorific value of the fuel monthly using the procedures in 40 CFR 75, Appendix F, Section 5.5.2.
9. **Recordkeeping:** All records required by this permit shall be kept on file for a period of five years. The records shall be available for inspection by Department personnel and shall be submitted to the Department upon request. In addition to maintaining the records required by any of the applicable regulations as listed in Section 10 below, the following records shall be maintained:
- A. All stack tests results including field data, laboratory analysis data, and quality assurance data.
 - B. All continuous emission monitoring data required by this permit, 40 CFR 60 and 40 CFR 75.
 - C. The results of all visible emissions observations and any corrective actions taken.
 - D. Greenhouse gas emissions from the in-line heater.
 - E. Unit 3 interconnect circuit breaker quarterly inspection results, monitoring, pressure device alarms and all repairs regarding SF₆ leakage.
 - F. The occurrence of any startup, shutdown or malfunction including any time the combustion turbine operates at and below 50 MWe.
 - G. Ambient temperatures on an hourly basis.

- H. Generator gross energy output (MWe).
- I. Amount of natural gas combusted in EU 6 and 7.
- J. Hours of operation of EU 6.
- K. Fuel gross calorific values.

Applicable Requirements: NDAC 33-15-12; NDAC 33-15-14-02.9.d)

10. **Reporting:**

- A. Reporting shall be in accordance with the following applicable requirements of Chapter 33-15-12, Chapter 33-15-14 and Chapter 33-15-21 of the North Dakota Air Pollution Control Rules.
 - 1) 40 CFR Part 60, Subpart A, Section 60.7, Notification and Recordkeeping.
 - 2) 40 CFR Part 60, Subpart KKKK, Section 60.4375, Reporting Requirements.
 - 3) Subdivision 33-15-21-01.6.f of the North Dakota Air Pollution Control Rules, Reporting and Recordkeeping Requirements.
 - 4) Quarterly excess emissions reports for EU 6 shall be submitted by the 30th day following the end of each 3-month period. Excess emissions are defined as emission rates which exceed the emission limits outlined in Condition 5. Excess emissions shall be reported for the following:

<u>Emission Unit</u>	<u>Parameter</u>	<u>Averaging Period</u>
Combustion Turbine	NO _x (ppmvd)	4-h.r.a.
	NO _x (lb/hr)	1-hr. avg.
	CO (ppmvd)	4-h.r.a.
	CO (tons)	30-d.r.t.
	CO ₂ e (tons)	12 m.r.t.

Applicable Requirements: NDAC 33-15-12 and NDAC 33-15-14

B. Semi-Annual Report:

The permittee shall submit to the Department a semi-annual report on the operation of the facility. The report shall include any deviations from the requirements of this permit.

The report shall be submitted within 45 days after June 30 and December 31 of each year. The report shall be signed by the responsible official and shall state that "based on information and belief formed after reasonable inquiry, the statements and information contained in this report are true, accurate and complete."

Applicable Requirements: NDAC 33-15-14-06

C. Annual Compliance Certification Report:

The permittee shall submit an annual compliance certification report on forms supplied by the Department, or approved alternate forms, within 45 days after December 31 of each year. The annual report shall include all of the following (the identification of applicable information pertaining to compliance may cross-reference the permit or previous reports, as applicable):

- 1) The identification of each term or condition of the permit that is the basis of the certification.
- 2) The identification of the method(s) or other means used by the permittee for determining the compliance status with each term and condition during the certification period, and whether compliance was continuous or intermittent. Such methods and other means shall include, at a minimum, the methods and means required under this permit. If necessary, the owner or operator also shall identify any other material information that is the basis for the certification.
- 3) The status of compliance with the terms and conditions of the permit for the period covered by the certification, based on the method or means designated in the permit.
- 4) Such other facts as the Department may require to determine the compliance status of the source.

Applicable Requirements: NDAC 33-15-14-06

D. Annual Emission Inventory Reports:

The permittee shall submit an annual emission inventory report on forms supplied or approved by the Department. This report shall be submitted by March 15 of each calendar year. Insignificant units/activities listed in this permit do not need to be included in the report.

Applicable Requirements: NDAC 33-15-14-06.5.a(7) and NDAC 33-15-23-04

11. **Facility Wide Operating Conditions:**

A. Ambient Air Quality Standards:

- 1) Particulate and gases: The permittee shall not emit air contaminants in such a manner or amount that would violate the standards of ambient air quality listed in Table 1 of NDAC 33-15-02 at any place beyond the premises on which the source is located.
- 2) Radioactive substances: The permittee shall not release into the ambient air any radioactive substances exceeding the concentrations specified in NDAC 33-10.

- 3) Other air contaminants: The permittee shall not emit any other air contaminants in concentrations that would be injurious to human health or well-being or unreasonably interfere with the enjoyment of property or that would injure plant or animal life.
- 4) Disclaimer: Nothing in any other part or section of this permit may in any manner be construed as authorizing or legalizing the emission of air contaminants in such manner that would violate the standards in Paragraphs 1, 2 and 3 of this condition.

Applicable Requirement: NDAC 33-15-02-04

- B. Fugitive Emissions: The release of fugitive emissions shall comply with the applicable requirements in NDAC 33-15-17.

Applicable Requirement: NDAC 33-15-17

- C. Open Burning: The permittee shall comply with open burning restrictions in NDAC 33-15-04.

Applicable Requirement: NDAC 33-15-04

- D. Asbestos Renovation or Demolition: Any asbestos renovation or demolition at the facility shall comply with emission standard for asbestos in NDAC 33-15-13.

Applicable Requirement: NDAC 33-15-13-02

- E. Requirements for Organic Compounds Gas Disposal:

- 1) The owner/operator shall incinerate, flare or treat in an equally effective manner any organic compounds, gases and vapors which are generated as wastes as the result of storage, refining, or process operations and which contain hydrogen sulfide before being released to the ambient air.
- 2) Each flare must be equipped and operated with an automatic ignitor or a continuous burning pilot.

Applicable Requirement: NDAC 33-15-07-02

- F. Rotating Pumps and Compressors: All rotating pumps and compressors handling volatile organic compounds must be equipped and operated with properly maintained seals designed for their specific product service and operating conditions.

Applicable Requirement: NDAC 33-15-07-01.5

G. Shutdown/Malfunctions/Deviation from Permit Requirements:

- 1) In the case of shutdown of air pollution control equipment for necessary scheduled maintenance, the intent to shutdown equipment shall be reported to the Department at least 24 hours prior to the planned shutdown provided that the air contaminating source will be operated while the control equipment is not in service. Such prior notice shall include the following:
 - a) Identification of the specific emission unit to be taken out of service as well as its location and permit number.
 - b) The expected length of time that the air pollution control equipment will be out of service.
 - c) The nature and estimated quantity of emissions of air pollutants likely to be emitted during the shutdown period.
 - d) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period.
 - e) The reasons that it would be impossible or impractical to shutdown the source operating during the maintenance period.

Applicable Requirement: NDAC 33-15-01-13.1

- 2) When a malfunction in any installation or deviation from permit requirements occurs that can be expected to last longer than 24-hours and cause the emission of air contaminants in violation of this permit or any other applicable rules and regulations, the person responsible for such installation or deviation from permit requirements shall notify the Department of such malfunction or deviation from permit requirements as soon as possible during normal working hours. The notification must contain a statement giving all pertinent facts, including the estimated duration of the breakdown, if applicable. On receipt of this notification, the Department may permit the continuance of the operation for a period not to exceed ten days provided that written application is made to the Department. Such application shall be made within 24-hours of the malfunction or deviation from permit requirements. In cases of major equipment failure, additional time period may be granted by the Department provided a corrective program has been submitted by the permittee and approved by the Department. The Department shall be notified when the condition causing the malfunction has been corrected.
- 3) Immediate notification to the Department is required for any malfunction that would threaten health or welfare, or pose an imminent danger. During normal working hours the Department can be contacted at (701)328-5188. After hours the Department can be contacted through the 24-hour State radio emergency number 1-800-472-2121. If calling from out-of-state, the 24-hour number is (701)328-2121.

Applicable Requirements: NDAC 33-15-01-13.1, NDAC 33-15-01-13.2.a and b

- H. Vehicles and Internal Combustion Engines: No person shall operate, or cause to be operated, any internal combustion engine which emits from any source any unreasonable and excessive smoke, obnoxious or noxious gases, fumes or vapor.

Applicable Requirement: NDAC 33-15-08-01

- I. Prohibition of Air Pollution:

- 1) The permittee shall not permit or cause air pollution, as defined in NDAC 33-15-01-04.
- 2) Nothing in any other part of this permit or any other regulation relating to air pollution shall in any manner be construed as authorizing or legalizing the creation or maintenance of air pollution.

Applicable Requirement: NDAC 33-15-01-15

- J. Performance Tests:

- 1) The Department may reasonably require the permittee to make or have made tests, at a reasonable time or interval, to determine the emission of air contaminants from any source, for the purpose of determining whether the permittee is in violation of any standard or to satisfy other requirements of NDCC 23-25. All tests shall be made and the results calculated in accordance with test procedures approved or specified by the Department including the North Dakota Department of Health Emission Testing Guideline. All tests shall be conducted by reputable, qualified personnel. The Department shall be given a copy of the test results in writing and signed by the person responsible for the tests.
- 2) The Department may conduct tests of emissions of air contaminants from any source. Upon request of the Department, the permittee shall provide necessary holes in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices, as may be necessary for proper determination of the emission of air contaminants.

Applicable Requirement: NDAC 33-15-01-12

- 3) Except for sources subject to 40 CFR Part 63, the permittee shall notify the Department by submitting a Proposed Test Plan, or its equivalent, at least 30 calendar days in advance of any tests of emissions of air contaminants required by the Department. The permittee shall notify the Department at least 60 calendar days in advance of any performance testing required under 40 CFR Part 63. If the permittee is unable to conduct the performance test on the scheduled date, the permittee shall notify the Department as soon as practicable when conditions warrant, and shall coordinate a new test date with the Department.

Failure to give the proper notification may prevent the Department from observing the test. If the Department is unable to observe the test because of improper notification, the test results may be rejected.

Applicable Requirements: NDAC 33-15-01-12, NDAC 33-15-14-02.9 and NDAC 33-15-12-02 Subpart A (40 CFR 60.8)

- K. Pesticide Use and Disposal: Any use of a pesticide or disposal of surplus pesticides and empty pesticide containers shall comply with the requirements in NDAC 33-15-10.

Applicable Requirements: NDAC 33-15-10-01 and NDAC 33-15-10-02

- L. Air Pollution Emergency Episodes: When an air pollution emergency episode is declared by the Department, the permittee shall comply with the requirements in NDAC 33-15-11.

Applicable Requirements: NDAC 33-15-11-01 through NDAC 33-15-11-04

- M. Stratospheric Ozone Protection: The permittee shall comply with any applicable standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B:

- 1) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to Section 82.156.
- 2) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to Section 82.158.
- 3) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to Section 82.161.
- 4) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to Section 82.156.

Applicable Requirement: 40 CFR Part 82

- N. Chemical Accident Prevention: The permittee shall comply with all applicable requirements of Chemical Accident Prevention pursuant to 40 CFR Part 68. The permittee shall comply with the requirements of this part no later than the latest of the following dates:

- 1) Three years after the date on which a regulated substance is first listed under this part; or
- 2) The date on which a regulated substance is first present above a threshold quantity in a process.

Applicable Requirement: 40 CFR Part 68

12. General Conditions:

- A. Annual Fee Payment: The permittee shall pay an annual fee, for administering and monitoring compliance, which is determined by the actual annual emissions of regulated contaminants from

the previous calendar year. The Department will send a notice, identifying the amount of the annual permit fee, to the permittee of each affected installation. The fee is due within sixty days following the date of such notice. Any source that qualifies as a "small business" may petition the Department to reduce or exempt any fee required under this section. Failure to pay the fee in a timely manner or submit a certification for exemption may cause this Department to initiate action to revoke the permit.

Applicable Requirements: NDAC 33-15-23-04

- B. Transfer of Ownership or Operation: This permit may not be transferred except by procedures allowed in Chapter 33-15-14 and is to be returned to the Department upon the destruction or change of ownership of the source unit(s), or upon expiration, suspension or revocation of this permit. A change in ownership or operational control of a source is treated as an administrative permit amendment if no other change in the permit is necessary and provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the Department.

Applicable Requirement: NDAC 33-15-14-02.11

- C. Submissions:

- 1) Reports, test data, monitoring data, notifications, and requests for renewal shall be submitted to:

North Dakota Department of Health
Division of Air Quality
918 E Divide Avenue, 2nd Floor
Bismarck, ND 58501-1947

- 2) Any document submitted shall be certified as being true, accurate, and complete by a responsible official.

Applicable Requirement: NDAC 33-15-14-02.9

- D. Right of Entry: Any duly authorized officer, employee or agent of the North Dakota Department of Health may enter and inspect any property, premise or place listed on this permit or where records are kept concerning this permit at any reasonable time for the purpose of ascertaining the state of compliance with this permit and the North Dakota Air Pollution Control Rules. The Department may conduct tests and take samples of air contaminants, fuel, processing material, and other materials which affect or may affect emissions of air contaminants from any source. The Department shall have the right to access and copy any records required by the Department's rules and to inspect monitoring equipment located on the premises.

Applicable Requirement: NDAC 33-15-01-06

- E. Compliance: The permittee must comply with all conditions of this permit. Any noncompliance with a federally-enforceable permit condition constitutes a violation of the Federal Clean Air Act.

Any noncompliance with any State enforceable condition of this permit constitutes a violation of NDCC 23-25 and NDAC 33-15. Violation of any condition of this permit is grounds for enforcement action, for permit termination, revocation and reissuance or modification, or for denial of a permit renewal application. Noncompliance may also be grounds for assessment of penalties under the NDCC Chapter 23-25. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

Applicable Requirement:

- F. Nuisance or Danger: This permit shall in no way authorize the maintenance of a nuisance or a danger to public health or safety.

13. **State Enforceable Only Conditions (not Federally enforceable):**

General Odor Restriction: The permittee shall not discharge into the ambient air any objectionable odorous air contaminant which exceeds the limits established in NDAC 33-15-16.

Applicable Requirement: NDAC 33-15-16

14. **Acid Rain Provisions:**

Affected Source Unit: R.M. Heskett Station

ORIS Plant Code: 2790

Unit ID: 6

This section incorporates the definition of terms in NDAC Chapter 33-15-21 by reference.

A. Permit Requirements:

- 1) The designated representative of each affected source and each affected unit at the source shall:
 - a) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR Part 72 in accordance with the deadlines specified in NDAC 33-15-21-08.1 and 40 CFR 72.30, including application for permit renewal; and
 - b) Submit in a timely manner any supplemental information that the North Dakota Department of Health, Division of Air Quality, Air Pollution Control Program determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit.
- 2) The owners and operators of each affected source and each affected unit at the source shall:
 - a) Operate the unit in compliance with a complete Acid Rain permit application including any application for permit renewal or a superseding Acid Rain permit

issued by the North Dakota Department of Health, Division of Air Quality, Air Pollution Control Program and

- b) Have an Acid Rain permit.

Applicable Requirement: NDAC 33-15-21-08.1

B. Monitoring Requirements:

- 1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR Part 75.
- 2) The emissions measurements recorded and reported in accordance with 40 CFR Part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide under the Acid Rain Program.
- 3) The requirements of 40 CFR Part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Federal Clean Air Act and other provisions of the operating permit for the source.

Applicable Requirements: NDAC 33-15-21-09, NDAC 33-15-21-10 and 40 CFR Part 75

C. Sulfur Dioxide Requirements:

- 1) The owners and operators of each source and each affected unit at the source shall:
 - a) Hold allowances, as of the allowance transfer deadline, in the units compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - b) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- 2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Federal Clean Air Act.
- 3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - a) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
 - b) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR Part 75, an affected unit under 40 CFR 72.6(a)(3).
- 4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.

- 5) An allowance shall not be deducted in order to comply with the requirements under Condition 14.C.(1)(a) of this permit prior to the calendar year for which the allowance was allocated.
- 6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, this permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- 7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Applicable Requirements: NDAC 33-15-21-08.1 and 40 CFR Part 72 and 73

D. Excess Emissions Requirements:

- 1) The designated representative of an affected unit that has excess emissions of SO₂ in any calendar year shall submit a proposed offset plan, to the Administrator as required under 40 CFR Part 77, with a copy to the North Dakota Department of Health, Division of Air Quality, Air Pollution Control Program.
- 2) The owners and operators of an affected unit that has excess emissions of SO₂ in any calendar year shall:
 - a) Pay to the Administrator without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR Part 77; and
 - b) Comply with the terms of an approved offset plan for SO₂, as required by 40 CFR Part 77.

Applicable Requirements: NDAC 33-15-21-08.1 and 40 CFR Part 77

E. Recordkeeping and Reporting Requirements:

- 1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on-site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator of the U.S. EPA or the North Dakota Department of Health, Division of Air Quality, Air Pollution Control Program:
 - a) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on-site at the source beyond such 5-year period until such documents are superseded because of the

submission of a new certificate of representation changing the designated representative;

- b) All emissions monitoring information, in accordance with 40 CFR Part 75, provided that to the extent that 40 CFR Part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
 - c) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
 - d) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- 2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR Part 72, Subpart I and 40 CFR Part 75.

Applicable Requirements: NDAC 33-15-21-08.1 and NDAC 33-15-21-09

F. Liability:

- 1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, this Acid Rain Permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to Section 113(c) of the Federal Clean Air Act.
- 2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to Section 113(c) of the Federal Clean Air Act and 18 U.S.C. 1001.
- 3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- 4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- 5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- 6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit.

- 7) Each violation of a provision of NDAC 33-15-21-08.1 and NDAC 33-15-21-09 and 40 CFR Parts 73, 74, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Federal Clean Air Act.

Applicable Requirements: NDAC 33-15-21-08.1, NDAC 33-15-21-09 and 40 CFR Parts 73, 74, 77 and 78

G. Effect on Other Authorities:

No provision of the Acid Rain Program, an Acid Rain permit application, this Acid Rain permit condition, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- 1) Except as expressly provided in Title IV of the Federal Clean Air Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Federal Clean Air Act, including the provisions of Title I of the Federal Clean Air Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- 2) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Federal Clean Air Act,
- 3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
- 4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- 5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Applicable Requirement: NDAC 33-15-21-08.1

H. Permit Shield:

Each affected unit operating in accordance with this permit which is issued in compliance with Title IV of the Federal Clean Air Act, as provided in NDAC 33-15-21-08.1, NDAC 33-15-21-09 and 40 CFR Parts 73, 77 and 78, and the regulations implementing Section 407 of the Federal Clean Air Act, shall be deemed operating in compliance with the Acid Rain Program, except as provided in 40 CFR 72.9(g)(6). The permit shield does not take effect until the effective date of the acid rain permit.

Applicable Requirements: NDAC 33-15-21-08.1, NDAC 33-15-21-09 and 40 CFR Parts 73, 77 and 78

I. Reopening for Cause:

In addition to any reasons for reopening for cause previously stated in this permit, the Department will reopen and revise this permit as necessary to remedy deficiencies in the following circumstance: If additional requirements, including excess emissions requirements, become applicable to an affected source under Title IV of the Federal Clean Air Act or the regulations promulgated there under. Upon approval by the administrator of the United States Environmental Protection Agency, excess emissions offset plans shall be deemed to be incorporated into the permit.

Applicable Requirement: NDAC 33-15-14-06.6.f.(1)(b)

130409 – City of Mandan Building Permit.pdf

BUILDING PERMIT

CITY PERMIT #: 168-13-010

CITY OF MANDAN/MORTON COUNTY, NORTH DAKOTA

PHONE 667-3230

PERMIT DATE: 4/09/2013
ID #: 00000

JOB ADDRESS: 2025 38 ST

OWNER NAME: RM HESKET POWER PLANT
ADDRESS: 38 ST, MANDAN ND 00005-8554

PHONE: 5-8554

CONTRACTOR: SAME
ADDRESS: SAME

LICENSE #: 99999 PHONE:

CLASS OF WORK: ALTERATION

DESCR OF WORK: COMMERCIAL REMODELING & ADDITIONS
REMODEL, UNDERGROUND PIPING, AND ELECTRI
CAL PERIMETER FENCE 7040 SF SERVICE BLDG

ZONING :
LOT SIZE : 0
LOT COVERAGE : .00%

VALUATION OF WORK: \$1,900,000
NO. UNITS : 0
PERMIT FEE : 8,487.00 PAID
SPECIAL CONDITIONS/MISCELLANEOUS:

* IF VALUATION OF WORK IS UNDER- *
* ESTIMATED, AN ADDITIONAL FEE MAY *
* BE CHARGED. *
* SMOKE DETECTORS: REQUIRED IN ALL *
* NEW CONSTRUCTION. *
* NOTIFY UTILITY COMPANIES FOR *
* LOCATION OF SERVICE LINES FOR *
* ALL CONSTRUCTION *
* CALL FOR INSPECTION BEFORE ANY *
* CONCRETE IS POURED, WHEN FRAMING *
* IS DONE, AND WHEN JOB IS *
* COMPLETED. *

* PLEASE CALL BEFORE DIGGING *
* *
* NORTH DAKOTA ONE - CALL *
* *
* 1-800-795-0555 *
* *

Ch# 128587

APPROVED FOR ISSUANCE BY:

THE ABOVE STATED PROPERTY (IS OR IS NOT)
IN THE 100 YEAR FLOOD ZONE.

**** N O T I C E ****

- * NO SURVEY IS REQUIRED, BUT THE CONTRACTOR OR OWNER IS RELIABLE TO MEET ALL SETBACK REQUIREMENTS PER ZONING OR PLAT REQUIREMENTS. THIS MUST BE SURVEYED IF YOU ARE UNABLE TO ESTABLISH PROPERTY LINES.
- * NO SURVEY IS REQUIRED FOR GAS, ELECTRICAL AND PLUMBING.
- * SEPARATE PERMITS ARE REQUIRED FOR GAS, ELECTRICAL, PLUMBING OR SIDEWALK/DRIVEWAY.
- * THIS PERMIT BECOMES NULL AND VOID IF WORK ON CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 120 DAYS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AT ANY TIME AFTER WORK IS COMMENCED.
- * I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS APPLICATION AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. THE GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION.

CONTRACTOR /OWNER SIGNATURE DATE

- * ALL PERMITS MUST HAVE AN ACCURATE PLOT PLAN OR HAVE A WAITING PERIOD OF 24 HOURS FOR APPROVAL.
- * ACCURATE PLOT PLAN (YES/NO) _____

City of Mandan / Morton County
BUILDING DEPARTMENT

This card will be posted on front
of lot before any excavation, or
work of any kind is started.

Work shall not proceed until
Inspector has approved the var-
ious stages of construction.

Address

2025 38 ST

Project

Remodel

Permit Number

Owner

Phone Number

168-13-010

Contractor

Phone Number

R M Heskett Power
Plant

INSPECTION

DATE

INSPECTOR

Footings _____

Wall Forms _____

Weather Proofing _____

Setback and Sidelines _____

Inspections can be arranged for by telephone, 667-3230, or written notification.

ANYONE REMOVING AND OR TAMPERING WITH THIS CARD WILL BE LIABLE TO PROSECUTION.

THIS IS NOT YOUR PERMIT.

(You will receive it by mail.)



CITY OF MANDAN

MANDAN CITY HALL - 205 2nd Avenue NW
MANDAN, NORTH DAKOTA 58554

701-667-3215 • FAX: 701-667-3223 • www.cityofmandan.com

CITY DEPARTMENTS

ADMINISTRATION	667-3215
ASSESSING/BUILDING INSPECTION	667-3230
BUSINESS DEVELOPMENT	667-3485
CEMETERY	667-6044
ENGINEER/PLANNING & ZONING	667-3225
FINANCE	667-3213
FIRE	667-3288
HUMAN RESOURCES	667-3217
LANDFILL	667-0184
MUNICIPAL COURT	667-3270
POLICE	667-3455
PUBLIC WORKS	667-3240
WASTEWATER TREATMENT	667-3278
SPECIAL ASSESSMENTS	667-3271
UTILITY BILLING	667-3219
WATER TREATMENT	667-3275

NOTICE TO CONTRACTORS

ADDRESS NUMBERS MUST BE 6" IN SIZE AND LETTERING, AND SPRAYED ON THE BUILDING. COLORED CARD PERMIT MUST ALSO BE ON SITE. IF THIS REQUIREMENT IS NOT FOLLOWED A 24 HOUR SHUT DOWN PERIOD WILL BE ENFORCED. IF YOU HAVE ANY QUESTIONS FEEL FREE TO CONTACT THE BUILDING INSPECTION OFFICE AT 701-667-3230.

THE CITY OF MANDAN WATER DEPARTMENT METERS HAVE BEEN CHANGED TO A NEW STYLE. THE NEW METERS ARE NOT COMPATIBLE TO THE TOUCH PAD REMOTE ON THE OUTSIDE OF THE HOME. THEREFORE, THE ELECTRICIANS ARE NO LONGER REQUIRED TO RUN AN ELECTRICAL WIRE FOR THAT USE. THIS PROCEDURE SHOULD BE DISCONTINUED IMMEDIATELY. IF YOU HAVE ANY QUESTIONS FEEL FREE TO CONTACT THE WATER DEPARTMENT AT 701-667-3219.

Thank you,

Richard L. Barta

City Assessor/Building Official

130415 – NOI_Application_Corval & MDU Signed.pdf



**APPLICATION (NOTICE OF INTENT) TO OBTAIN
COVERAGE UNDER NDPDES GENERAL PERMIT
FOR STORMWATER DISCHARGES ASSOCIATED
WITH CONSTRUCTION ACTIVITY (NDR10-0000)
NORTH DAKOTA DEPARTMENT OF HEALTH
DIVISION OF WATER QUALITY
SFN 19145 (01/10)**

FOR DEPT. USE ONLY

Application No.
Date Received

GENERAL INFORMATION

Name of Owner of Construction Project Montana-Dakota Utilities Co.	Contact Person Name (Mr / Ms) Mr. Peter Thiessen	Contact Phone No. 701-222-7900
Mailing Address 400 North Fourth Street	City Bismarck	State/Province North Dakota
		Zip Code 58501
Name of Operator Working at Site (attach additional, if needed) JEFF BERG	Contact Person Name (Mr / Ms) JEFF BERG	Contact Phone No. 612-209-7322
Mailing Address 1218 HWY 49	City BEULAH	State/Province ND
		Zip Code 58523

PROJECT INFORMATION

Name of Construction Project R.M. Heskett Station Unit 3 - Combustion Turbine Project			
Brief Description of Construction Activity Montana-Dakota Utilities Co. (Montana-Dakota) plans to add one new natural gas-fired General Electric 7EA Simple Cycle Combustion Turbine (CT) unit near the existing R. M. Heskett Station north of Mandan, North Dakota. The Heskett Unit 3 Project will nominally generate 88 Mega Watts from the CT unit. The Project will include site excavation, trenching, grading, foundation, and equipment installation.			
Project Start Date Spring 2013	Estimated Completion Date Summer 2014	Estimated Total Area of Site (acres) ~30 acres	Estimated Area of Disturbance (acres) ~20 acres
Project Location	Street Address 2025 38th Street		City North of Mandan, ND
	OR	Township 139 North	Range 81 West
		Section 10	SW 1/4 SE 1/4 1/4
	Latitude		County Morton
Receiving Waters	Name of Municipal Storm Sewer System, Including Receiving Water		
	OR	Name or Description of Receiving Water R.M. Heskett Station storm sewer system and detention pond, which discharges to an unnamed drainage channel.	

Stormwater Pollution Prevention Plan (SWPPP) Requirements

Has a SWPPP been developed in accordance with Part II.C of NDR10-0000?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	STOP: A SWPPP must be prepared and available for review at the time of application. See Part I.D.2 of NDR10-0000 for submittal information.
SWPPP Contact (NDR10-0000, Part II.C.2.a) Construction Project Manager	SWPPP Contact Phone No. Aaron Armbricht, P.E.	SWPPP Location (NDR10-0000, Part III.B) On-site Const. Trailer/Heskett Station Facilities Bldg

Signature Information

<p>RETURN COMPLETED APPLICATION TO: North Dakota Department of Health Division of Water Quality, 4th Floor 918 East Divide Avenue Bismarck, ND 58501-1947 Telephone: (701) 328-6210 Fax: (701) 328-6200</p>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.	
	Printed Name of Owner(s) Andrea Stomberg	Title Vice President - Electric Supply
	Signature of Owner(s) <i>Andrea Stomberg</i>	Date 4-15-2013
	Printed Name of Operator(s) JEFF BERG	Title SITE MANAGER
Signature of Operator(s) <i>Jeff Berg</i>	Date 4-12-2013	

(Attach additional pages if needed)