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bbjella@crowleyfleck.com

November 27, 2013

Mr. Darrell Nitschke  
Executive Director  
NORTH DAKOTA  
PUBLIC SERVICE COMMISSION  
600 East Boulevard, Dept. 408  
Bismarck, ND 58505-0480



Dear Mr. Nitschke:

In re: Hess Corporation Ten-Year Plan  
Our File No. 11-024-049

On behalf of Hess Corporation ("Hess"), we hereby submit eleven copies of Hess's Ten-Year Plan pursuant to North Dakota Century Code § 49-22-04 and North Dakota Administrative Code Chapter 69-06-02.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "B.R. Bjella", with a long horizontal flourish extending to the right.

BRIAN R. BJELLA

bw  
Enc.  
Ten-Year Plan to:  
County Auditors:  
McKenzie and Williams Counties  
Brent Lohnes, Director Operations - Minot, ND  
Notice to:  
State Agencies and Officers designated in  
§ 69-06-01-05, N.D. Adm. Code.



Wayne Stenehjem, Attorney General  
OFFICE OF THE ATTORNEY GENERAL  
First Floor, State Capitol  
600 E. Boulevard Ave., Dept. 125  
Bismarck, ND 58505-0040

Al Anderson, Commissioner  
DEPARTMENT OF COMMERCE  
Division of Economic Development & Finance  
Century Center  
1600 East Century Avenue, Suite 2  
P.O. Box 2057  
Bismarck, ND 58502-2057

Jeff Engleson, Director  
ENERGY DEVELOPMENT IMPACT OFFICE  
1707 N. 9th St.  
Box 5523  
Bismarck, ND 58506-5523

Terry Steinwand, Director  
GAME AND FISH DEPARTMENT  
100 North Bismarck Expressway  
Bismarck, ND 58501-5095

Honorable Jack Dalrymple  
OFFICE OF THE GOVERNOR  
First Floor, State Capitol  
600 E. Boulevard Ave., Dept. 101  
Bismarck, ND 58505-0001

Terry L. Dwelle, M.D.  
State Health Officer  
STATE DEPARTMENT OF HEALTH  
State Capitol  
600 E. Boulevard Avenue  
Bismarck, ND 58505-0200

Merlan E. Paaverud, Jr., Director  
STATE HISTORICAL SOCIETY OF NORTH DAKOTA  
Heritage Center, Capitol Grounds  
612 E. Boulevard Ave.  
P.O. Box 1976  
Bismarck, ND 58505-0830

Ms. Maggie Anderson  
Executive Director  
DEPARTMENT OF HUMAN SERVICES  
Judicial Wing, State Capitol  
600 E. Boulevard Avenue, Dept. 325  
Bismarck, ND 58505-0250

Scott J. Davis, Executive Director  
INDIAN AFFAIRS COMMISSION  
1st Floor Judicial Wing, State Capitol  
Room #117  
600 E. Boulevard Ave.  
Bismarck, ND 58505-0300

Edward Murphy  
State Geologist  
NORTH DAKOTA INDUSTRIAL COMMISSION  
Geological Survey  
1016 E. Calgary Avenue  
Bismarck, ND 58503

Darren Brostrom, Interim Executive Director  
JOB SERVICE NORTH DAKOTA  
1000 East Divide, P.O. Box 5507  
Bismarck, ND 58506-5507

Bonnie Storbakken, Commissioner  
ND DEPT. OF LABOR DEPARTMENT  
AND HUMAN RIGHTS  
13th Floor, State Capitol  
600 E. Boulevard, Dept. 406  
Bismarck, ND 58505-0340

Lance Gaebe, Land Commissioner  
DEPARTMENT OF TRUST LANDS  
1707 N. 9th St.  
P.O. Box 5523  
Bismarck, ND 58506-5523

Mark Zimmerman, Director  
PARKS AND RECREATION DEPARTMENT  
1600 East Century Avenue, Suite 3  
Bismarck, ND 58503-0649

Mr. Scott Hochhalter  
Soil Conservation Specialist  
SOIL CONSERVATION COMMITTEE  
2718 Gateway Ave., Ste. 104  
Bismarck, ND 58503-0585

Grant Levi  
DEPARTMENT OF TRANSPORTATION  
608 E. Boulevard Ave.  
Bismarck, ND 58505-0700

Todd Sando, State Engineer  
STATE WATER COMMISSION  
900 East Boulevard, Dept. 770  
State Office Building  
Bismarck, ND 58505-0850

Commander  
UNITED STATES DEPARTMENT OF DEFENSE  
MINOT AIR FORCE BASE  
201 Summit Drive  
Minot, ND 58701

UNITED STATES FISH AND WILDLIFE SERVICE  
3425 Miriam Avenue  
Bismarck, ND 58501

UNITED STATES ARMY CORPS OF ENGINEERS  
1513 South 12<sup>th</sup> Street  
Bismarck, ND 58504

FEDERAL AVIATION ADMINISTRATION  
Bismarck Airports District Office, BIS-ADO-600  
2301 University Drive, Building 23B  
Bismarck, ND 58504

NORTH DAKOTA TRANSMISSION AUTHORITY  
c/o North Dakota Industrial Commission  
600 E. Boulevard Ave., Dept. 405  
State Capitol, 14<sup>th</sup> Floor  
Bismarck, ND 58505-0840

NORTH DAKOTA PIPELINE AUTHORITY  
c/o North Dakota Industrial Commission  
600 E. Boulevard Ave., Dept. 405  
State Capitol, 14<sup>th</sup> Floor  
Bismarck, ND 58505-0840

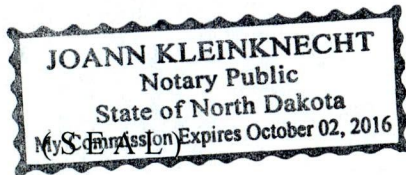
MCKENZIE COUNTY COMMISSION  
Box 543  
Watford City, ND 58854

WILLIAMS COUNTY COMMISSION  
PO Box 2047  
Williston, ND 58802

That she knew the persons served to be the persons named in the papers served and the persons intended to be served.

Beth Wald  
Beth Wald

Subscribed and sworn to before me this 27<sup>th</sup> day of November, 2013.



Joann Kleinknecht  
Joann Kleinknecht, Notary Public  
Burleigh County, North Dakota  
My Commission Expires:



HESS CORPORATION  
Tioga Office Complex  
10384 68th St NW  
Tioga, North Dakota 58852  
701-664-6200

November 26, 2013

PUBLIC SERVICE COMMISSION – State Capitol  
Director of Administration  
600 East Boulevard, Dept 408  
Bismarck, ND 58505-0480

RE: HESS CORPORATION – 2013 Ten-Year Plan

Dear Director of Administration:

On behalf of HESS CORPORATION ("HESS"), we hereby submit HESS's Ten-Year Plan pursuant to North Dakota Century Code § 49-22-04 and North Dakota Administrative Code Chapter 69-06-02.

SECTION A: Existing Energy Conversion Facilities.

HESS originally had no energy conversion facilities as defined in North Dakota Century Code § 49-22-03(5); but now has the Tioga Gas Plant expansion underway.

SECTION B: Energy Conversion Facilities Under Construction.

HESS Tioga Gas Plant expansion is underway in 2011 with target completion date the fourth quarter of 2013.

SECTION C: Proposed Energy Conversion Facilities on Which Construction is Intended Within the Ensuing Five Years.

HESS's \$600 million expansion of the Tioga Gas Plant to increase the inlet gas capacity from 120 MMscfd to 250 MMscfd, the NGL recovery capacity from 8,000 bpd of propane, butane, and natural gasoline to 30,000 bpd of propane, butane, and natural gasoline, as well as 30,000 bpd of ethane (which is not recovered as a liquid at this time) continues. This expansion work will continue through 2012 and to the fourth quarter of 2013.

SECTION D: Proposed Energy Conversion Facilities During the Next Ten-Year Time Period.

HESS has no other proposed energy conversion facilities during the next ten-year time period other than what is mentioned in Section C.

SECTION E: Existing Transmission Facilities (Electric).

HESS has no existing electrical transmission facilities.

SECTION F: Existing Transmission Facilities (Pipeline).

1. Location: HESS currently has in operation a pipeline beginning at its gas plant located at Tioga, North Dakota, extending southerly under Lake Sakakawea and then extending in a southwesterly direction to an interconnect point with the Northern Border pipeline south of Watford City, North Dakota. This pipeline was constructed pursuant to Public Service Commission Certificate of Site Compatibility for Transmission Facility Corridor #62 issued on March 11, 1992, and Public Service Commission Permit for the Construction of a Transmission Facility #72 issued on July 21, 1992. Upon completion of the pipeline

HESS provided the Commission with a copy of the design specifications for the construction of the pipeline showing the location of the pipeline as built as required in the Findings of Fact, Conclusions of Law and Order dated July 21, 1992, as issued by the Commission in Case No. PU-476-92-138. Attached hereto is a system map showing the location of the actual pipeline route.

- a) Type and Capacity: The design specifications for the facility are as follows:
    - i) Product Type - natural gas
    - ii) Length of Facility in Miles - approximately 61
    - iii) Pipe Size - 10.75 inches O.D.
    - iv) Maximum Design Operating Pressure - 1440 pounds per square inch gage (psig)
    - v) Maximum Design Flow Rate - 65 million standard cubic feet per day (mmscfd)
    - vi) Compressor or pumping station specifications, including type, horse power, output pressure, and capacity –
      - (1) Tioga Compressor Station
        - (a) Type: 3 centrifugal
        - (b) Suction Pressure: 700 psig
        - (c) Discharge Pressure: 1300 psig
        - (d) Station Horsepower: 6750 hp
        - (e) Maximum Capacity: 99 mmcf
      - (2) Cherry Creek Compressor Station
        - (a) Type: (2) reciprocating
        - (b) Suction Pressure: 875 psig
        - (c) Discharge Pressure: 1420 psig
        - (d) Station Horsepower: 1600 hp
        - (e) Maximum Capacity: 65 mmcf
  - b) Minimum Cover Over Pipe - 48 inches, except in a situation where rock makes 48 inches impractical.
2. In-service date for the pipeline was December, 1992.
  3. There is no projected retirement date during the next ten-year period for the pipeline facility.

SECTION G: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years (Electric).

HESS has no proposed electric transmission facilities on which construction is intended within the ensuing five years.

SECTION H: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years (Pipeline).

1. HESS plans to install three NGL Product sales pipelines approximately 3.6 miles from the Hess Tioga Gas Plant to the newly constructed Hess Tioga Rail Terminal west of the city of Tioga at an estimated cost of \$33 million. The intent will be to sell our propane, butane, and natural gasoline liquid products by rail cars at the Tioga Rail Terminal in 2013, when the Tioga Gas Plant expansion is complete. This project was approved by the North Dakota Public Service Commission in Case #PU-11-104.
2. Hess Corporation (Hess) is proposing to construct an approximately 25-mile-long pipeline system connecting Bakken production fields south of Lake Sakakawea to existing processing facilities north of the Lake. New pipeline construction will tie into the existing pipeline infrastructure to cross Lake Sakakawea. The new and repurposed pipeline system will transport crude oil as well as two 24-strand fiber optic cables from south of Lake Sakakawea in McKenzie County, North Dakota, to the Ramberg Truck Facility (crude oil).
  - i) The proposed Hawkeye Pipeline System Project crosses lands managed by the U.S. Forest Service (USFS) and the U.S. Army Corps of Engineers (USACE), State of North Dakota, as well

as private lands. Pursuant to the Mineral Leasing Act of 1920, as amended (43 CFR Subpart 2884.21J1), when an applicant applies for a ROW that crosses lands administered by two or more Federal agencies, the BLM will process the application and issue all grants, temporary use permits, amendments, and assignments. As such, the BLM is the designated lead federal agency for issuing the ROW grant and preparation of the NEPA document, the Environmental Assessment (EA).

- ii) Hess is currently preparing an EA with an anticipated Decision Record in late 2013. Additionally, a Biological Assessment/Biological Evaluation for compliance with Endangered Species Act (Section 7) and a preliminary Spill Risk Analysis suitable for NEPA is being prepared. BLM is managing tribal consultation in compliance with Section 106 of the National Historic Preservation Act of 1966.
  - iii) Hess will submit an application for a corridor certificate and route permit or a request for jurisdictional determination to the North Dakota Public Service Commission in the near future.
- b) Hess proposes to convert three existing pipeline segments, currently used as gathering pipelines, into a crude oil transmission pipeline which will connect the Ramburg Truck Facility ("RTF") to the Tioga Rail Terminal ("TRT"). The gathering line would total 10.2 miles in length, and would consist of 14" nominal diameter steel pipe. This project was approved by the North Dakota Public Service Commission in Case No. PU-12-683.

#### SECTION I: Proposed Transmission Facilities During the Next Ten-Year Time Period (Electric and Pipeline).

HESS has no proposed electric or pipeline transmission facilities proposed during the next ten-year time period other than what is mentioned in Section H.

#### SECTION J: Regional Coordination.

One of the purposes of the pipeline is to deliver gas into the existing pipeline facility of the Northern Border Pipeline Company for transportation of such gas to HESS's customers. However, HESS's pipeline is not part of a single regional plan.

#### SECTION K: Environmental Information.

The gas pipeline has been constructed in strict accordance with the requirements of the U.S. Department of Transportation Pipeline Safety Regulations found at CFR Title 49, Part 192, "Transportation of Natural and Other Gases by Pipeline: Minimum Federal Safety Standards," and ASME B31.8, "Gas Transmission and Distribution Piping Systems." The pipeline was hydrostatically tested in accordance with CFR Title 49, Part 192, Sub-part J to establish the maximum allowable operating pressure of 1440 psig.

HESS CORPORATION has also installed a fiber optic communications system which allows for 24-hour monitoring of the pipeline and compressor operations. The pipeline is also designed to accommodate the use of instrumented internal inspection devices that can be propelled through the pipeline by the flowing gas stream and can effectively detect and record the type and location of corrosion or other defects in the pipe wall. In conjunction HESS has in place a regular pipeline cathodic protection program.

Wooded areas and shelter belts that were removed have been replanted with approximately 300 new trees. This is two new trees for every one removed during construction.

HESS has made an agreement with the U.S. Fish and Wildlife Service for provisions relative to the rehabilitation of wooded draw habitat on U.S. Forest Service land as mitigation for habitat disturbed during the pipeline construction.

HESS's obligation to reclaim and maintain the right-of-way shall continue throughout the life of the pipeline facility.

#### SECTION L: Projected Demand for Service.

The projected future supplies of oil and gas entering these pipelines will be produced from (a) several fields located in Divide, Williams, Mountrail, McKenzie and Burke Counties, (b) the Winnipeg and Deadwood

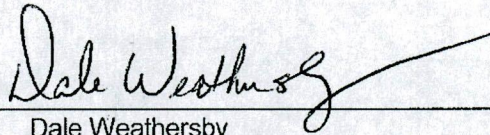
November 26, 2013

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formations from certain wells to be located in the McKenzie and Williams Counties, and (c) the expansion of the plant and pipeline facilities in conjunction with the growth of the Bakken development taking place in North Dakota.

Respectfully submitted the day and year set forth above.

HESS CORPORATION  
Tioga Office Complex  
10384 68<sup>th</sup> St NW  
Tioga, North Dakota 58852

By   
Dale Weathersby

Enc.

- cc:
- County Auditors of McKenzie and Williams Counties
  - State Agencies and Officers designated in § 69-06-01-05, ND Adm Code "Notice of Filing"
  - Brent Lohnes, Director Operations - Minot, ND

