

**STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION**

TRANSCANADA KEYSTONE PIPELINE, LP

CASE No. PU-06-421

30-INCH CRUDE OIL PIPELINE/CAVALIER TO SARGENT COUNTIES

SITING APPLICATION

OAH CASE No. 20070181

**TESTIMONY OF DEAN COWLING
IN SUPPORT OF APPLICATION**

FOR A CORRIDOR CERTIFICATE AND ROUTE PERMIT

DEAN COWLING, BEING FIRST DULY SWORN, ON OATH, DEPOSES AND STATES AS FOLLOWS:

1. My name is Dean Cowling. I am the project director for the TransCanada Keystone Pipeline, L.P. (Keystone) project.
2. I am filing this testimony on behalf of Keystone, in support of its applications for a Certificate of Corridor Compatibility and a Route Permit for the proposed Keystone project.
3. I am attaching a copy of my resume and professional qualifications.
4. On April 10, 2007, Keystone filed an application for a Certificate of Corridor Compatibility and a an application for a Route Permit, pursuant to the North Dakota Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code, Chapter 49-22.
5. By its applications, Keystone seeks authorization to site and construct a 30-inch crude oil pipeline and appurtenant facilities, which will deliver crude oil from an oil supply hub near Hardisty, Alberta, Canada to Wood River and Patoka, Illinois and Cushing Oklahoma.

6. The pipeline will enter North Dakota at the North Dakota/Canada border in Cavalier County and will extend in a southerly direction, exiting the State at the South Dakota border in Sargent County. The length of the pipeline in North Dakota will be approximately 218 miles.
7. Keystone's applications address the elements required by the North Dakota Century Code. The Corridor Certificate application is organized pursuant to the North Dakota Public Service Commission's (Commission) "Application Guidelines for a Certificate of Corridor Compatibility".
8. All of the information necessary for the Commission to issue the requested permits is set forth in Keystone's applications, as well as the presentation that Keystone will make at the hearings scheduled for July 23 and 24, 2007.
9. In anticipation of the public hearing scheduled for July 23 and 24, 2007, in this matter, Keystone is submitting prepared testimony which identifies the witnesses who are responsible for the various elements of Keystone's applications. Those witnesses will be made available at the hearing to respond to questions regarding the indicated portions of Keystone's applications.
10. I am responsible for the following portions of Keystone's application for a Certificate of Corridor Compatibility:
 - a. Section A – Project Description. This section addresses the type of facility, product to be transported, size and design of the facility, width of right-of-way, estimated distance between surface structures, pipe size, length of facility, maximum design operating pressure and temperature, maximum design rate of flow, number and general location of pump stations, and project time schedule.
 - b. Section C – Need for Facility. This section addresses the need for the proposed facility, a description of feasible alternatives for

serving the need, an evaluation of those alternatives, and a statement that the application is consistent with Keystone's most recent Ten-Year Plan.

- c. Section D.2.d.iii -- Economics of Construction and Operations. This section addresses the economic impacts resulting from the construction and operation of the proposed pipeline.
- d. Section D.2.d.v – Commitment of a Portion of the Transmitted Product for Use in this State. This section addresses Keystone's transportation of crude oil as a common carrier.
- e. Section D.2.d.x – Other Existing or Proposed Transmission Facilities. This section addresses other the other major crude oil pipeline traversing North Dakota.
- f. Section D.2.f. – Economic Considerations. This section addresses economic considerations associated with the pipeline.
- g. Section D.6. – Permits, Licenses, Approvals, and Consultation Requirements. This section contains a table identifying the federal and North Dakota permits, licenses, and approvals required for construction of the pipeline project in North Dakota.

11.I am responsible for the following portions of Keystone's Application for a Route Permit:

- a. Section B.7 – The direct and indirect economic impacts of the proposed facility, which are addressed by reference to specified portions of the Corridor application.

QUALIFICATIONS AND RESUME FOR DEAN COWLING

QUALIFICATIONS

Seventeen years experience in the areas of pipeline project development and implementation; pipeline and power operations and maintenance; and pipeline business development.

EDUCATION SUMMARY

Bachelor of Science Degree in Business, 1989
Ferris State University at Big Rapids, Michigan, U.S.A.

CONTINUING EDUCATION

Executive Development Program, 2005
Richard Ivey School of Business – The University of Western Ontario

CAREER HISTORY

TransCanada Pipelines Ltd

2006 – Present Director, Keystone Pipeline Project

Responsible for the development and implementation of the Keystone Pipeline Project in both Canada and the United States, which includes oversight of permitting, engineering, land acquisition, community safety and environment, construction and commissioning.

2005– 2006 Director, Pipeline Projects Implementation

Responsible for development and implementation of pipeline projects in both Canada and the United States. These projects included pipeline; compressor station and meter station installations and improvements.

2003 – 2005 Director, Field Operations

Responsible for the operations and maintenance of pipeline, compressor stations, meter stations and power plants in Northern Alberta, Canada. Responsibilities included oversight of community, safety and environment, operating and capital budgets, and asset performance.

2000 - 2003 Manager, Eastern Business Development

Responsible for Business Development activities mainly focused in the New England and Mid Atlantic regions of the United States. Responsibilities included identifying business development opportunities and optimizing pipeline investments.

NOVA Gas Transmission Ltd

1998 – 2000 Manager, Program Planning and Estimating, Operations and Engineering

1997 - 1998 Customer Service Representative, Customer Service

1996 - 1997 Program Planner, Operations and Engineering

1994 - 1996 General Rate Application Coordinator, Regulatory Affairs

1992 - 1994 Employee Development Coordinator, Engineering

1990 - 1992 Business Systems Analyst, Information Technology



July 19, 2007