



Déze Corporation
Taltson Hydroelectric Expansion Project
January 15, 2010
Dettah, NT



Transport Canada

Transport Canada's Mission:

- To serve the public interest through the promotion of a safe and secure, efficient and environmentally responsible transportation system in Canada.

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Transport Canada's Mandate

Regulates transportation infrastructure within its mandate.

Administers federal transportation legislation (e.g.)

- *Aeronautics Act*
- *Canada Shipping Act*
- *Arctic Waters Pollution Prevention Act*
- *Navigable Waters Protection Act*
- *Transportation of Dangerous Goods Act*



Potential Areas of Interest

Transport Canada's responsibilities include:

- Vessel navigation safety protection of marine environment
- Monitoring safe transport of dangerous goods
- Any works built or placed in, on, over, under, through or across navigable water in Canada
 - Stream crossings
 - Bridge crossings
 - Aerial transmission lines
 - Existing facilities and proposed construction of new facility



Outstanding Issues and Recommendations

Pollution Prevention – Transportation

The construction of barge landings and the use of barges has been identified in the DAR for machinery, construction materials including dangerous goods. It is still unclear if the barges will be used as a fuel transfer facility and if overwintering the barges will be considered.

Recommendation

- An Oil Pollution Emergency Prevention Plan be submitted to Transport Canada's marine division prior to any barge being used as a fuel transfer facility or overwintering.
- Provide a Emergency Response Assistance Plan (ERAP) to Transport Canada for the transportation of dangerous goods.



Outstanding Issues and Recommendations

Aerial Cables

- Specific details such as the exact location of aerial cables, the have not been provided. Impacts to navigation cannot be assessed until the transmission line is finalized and confirmed by the developer.

Recommendation

- Detailed location drawings of the transmission line will be required prior to the issuance of any Navigable Waters approvals.
- The works meet the design and construction requirements of *Overhead Systems*, CAN/CSA-C22.3 No. 1-06



Outstanding Issues and Recommendations

Exiting Facility

The existing facility is not currently approved under the Navigable Water Protection Program and ownership of the facilities is not clear. The facility is required under the Act to be approved prior to any work.

Recommendation

Provide ownership information of the existing facilities



Outstanding Issues and Recommendations

Stream Crossing/Bridge Crossings

The transmission line will cross approximately 676 rivers, streams or lakes. The impact to navigation cannot be assessed until these crossings have been identified.

Recommendation

Provide detailed information such as location drawings, maps and coordinates of stream crossings, including those considered in 'Minor Works and Waters Order' under the *Navigable Waters Protection Act*.



Issues and Recommendations

Construction of the New Facility

- Fluctuations in flow due to operation of facility
- Impact to navigation

Recommendation

- Provide hydro curves for Trudel Creek
- Consultation between existing users of the water way and impact on navigational uses due to construction and operation.
- Any fish compensation that may be developed also be reviewed by Navigable Waters to determine if any there is an impact to navigation.



Thank You