



**IN THE MATTER OF ORDER 10-1 ISSUED BY THE CANADIAN NUCLEAR SAFETY COMMISSION REPLACING DESIGNATED OFFICER ORDER PURSUANT TO SUBSECTION 37(6) OF THE *NUCLEAR SAFETY AND CONTROL ACT* REGARDING THE DETERIORATION OF THE GUNNAR MINE SITE IN NORTHERN SASKATCHEWAN**

**ORDER BY THE CANADIAN NUCLEAR SAFETY COMMISSION REPLACING ORDER BY THE CANADIAN NUCLEAR SAFETY COMMISSION 10-1 PURSUANT TO SUBSECTIONS 37(6) and 43(3) OF THE *NUCLEAR SAFETY AND CONTROL ACT***

ORDER NO. 11-1

**Date of Commission Order:** April 7, 2011

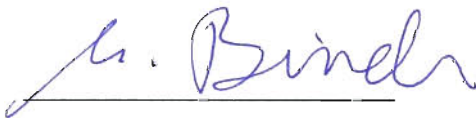
**TO:** Mr. Joe Muldoon  
Vice President, Environment and Forestry  
Saskatchewan Research Council  
125-15 Innovation Blvd  
Saskatoon, SK S7N 2X8  
Canada  
306-933-5400

**PURSUANT** to a public Meeting of the Commission conducted in Ottawa on January 20, 2011, and following representations made by Saskatchewan Research Council and staff of the Canadian Nuclear Safety Commission, the Canadian Nuclear Safety Commission has replaced, pursuant to subsections 37(6) and 43(3) of the *Nuclear Safety and Control Act* (NSCA), the Order 10-1 by the Canadian Nuclear Safety Commission that replaced on July 23, 2010 the Designated Officer Order under paragraph 37(6) of the NSCA.

**THE ORDER** of the Commission orders the following actions and measures:

1. Saskatchewan Research Council shall perform and submit an occupational health and safety assessment of all buildings and structures of the Gunnar Mine site to Mr. Don Howard, the Director, Wastes and Decommissioning Division, of the Canadian Nuclear Safety Commission, by no later than September 30, 2010. **COMPLETE**
2. Saskatchewan Research Council shall perform and submit a structural safety assessment of all buildings and structures of the Gunnar Mine site to Mr. Don Howard, the Director, Wastes and Decommissioning Division, of the Canadian Nuclear Safety Commission, by no later than September 30, 2010. **COMPLETE**

3. Saskatchewan Research Council shall, by no later than October 31, 2010, fence off buildings and structures of the Gunnar Mine site that fail the structural safety assessment. **COMPLETE**
4. Saskatchewan Research Council shall immediately secure all openings to the buildings at the Gunnar Mine site and post adequate signage to protect the safety of the public. CNSC staff inspected the Gunnar Mine site on July 20, 2010 to verify that all openings to buildings were fenced off. Any inadequacies identified during the July 20, 2010 inspection shall be corrected by no later than August 31, 2010. **COMPLETE**
5. Saskatchewan Research Council shall remove all overhead hazards at the Gunnar Mine site by no later than October 31, 2011.
6. Saskatchewan Research Council shall perform and submit an inventory of hazardous substances and materials found throughout the Gunnar Mine site to Mr. Don Howard, the Director, Wastes and Decommissioning Division, of the Canadian Nuclear Safety Commission, by no later than September 30, 2010. **COMPLETE**
7. Saskatchewan Research Council shall collect all hazardous substances and secure them under lock and key by no later than October 31, 2010. **COMPLETE**
8. Saskatchewan Research Council shall submit to Mr. Don Howard, the Director, Wastes and Decommissioning Division, of the Canadian Nuclear Safety Commission, by no later than October 15, 2010, a plan for demolishing, during the year 2011, buildings and structures that fail the structural safety assessment. **COMPLETE**
9. Saskatchewan Research Council shall conduct monthly site visits to the Gunnar Mine site, weather and lake-ice conditions permitting, until the site is placed in a safe state and quarterly thereafter.
10. Saskatchewan Research Council shall submit a waste management plan for the temporary storage of all wastes, including demolition waste, which will be generated by the activity described in Item 11 below, to Mr. Don Howard, the Director, Wastes and Decommissioning Division, of the Canadian Nuclear Safety Commission, by no later than January 31, 2011. **COMPLETE**
11. Saskatchewan Research Council shall take down buildings and structures at the Gunnar Mine site that fail the structural safety assessment by no later than October 31, 2011.



APR 07 2011

Michael Binder  
President,  
Canadian Nuclear Safety Commission

Date