

From: John Schmuck [John_Schmuck@Cameco.com]
Sent: Wednesday, June 26, 2013 7:10 PM
To: Lancaster, Thomas
Cc: Josh Leftwich; Doug Pavlick; Larry Teahon
Subject: Revisions to Marsland License Application Part 6
Attachments: Appendices Except K2 and J.zip

Mr. Thomas Lancaster
Marsland Project Manager
U.S. Nuclear Regulatory Commission
FSME/DWWMEP/DURLD/URLB
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Subject: Cameco response to NRC observations made during Marsland acceptance review and other revisions.

By email dated October 5, 2012 the NRC provided observations gleaned during the Marsland license amendment application acceptance review. Cameco has attached redline strikeout page changes to the text portion of the application and revised tables, figures and appendices in response. In addition, Cameco has updated the application to include baseline monitoring data collected since submission of the application.

Cameco has significantly enhanced the water balance discussion. During that evaluation, Cameco decided that additional surge capacity in the form of extra tanks or ponds is not required to complement that already provided within the Satellite Plant. Control of mining fluids will be maintained at all times through operational adjustments.

In summary:

Application Chapter 2 - The application has been revised to address items 1-11.

Application Chapter 4 – Items 1, 2 and 3 have not been addressed. Cameco is in the process of updating the radiation protection program for the existing plant. The Marsland application will be revised to align to those changes. Item 4 has been addressed as part of the revisions to the discussion of water balance at the facility. The application no longer contemplates surge capacity except the tankage located within the satellite facility.

Application Chapter 5 – Similar to Chapter 4, Cameco is in the process of updating the radiation protection program for the existing plant. The Marsland application will be revised to align with to those changes.

Application Chapter 6 - Similar to Chapters 4 and, Cameco is in the process of updating the radiation protection program for the existing plant. The Marsland application will be revised to align with to those changes.

Finally, Cameco has added additional information on flood recurrence interval and erosion potential; evaluation of waste disposal options, and the cumulative impact of operations on groundwater in both the immediate vicinity and on a regional basis.

This submission will include 9 emails:

Part 1 – Word redline strikeout version of the revised TR; a PDF of the redline strikeout version

Part 2 – New or updated Tables

Part 3 – New or updated Figures 1_7-1 through 2_6-16

Part 4 – New or updated Figures 2_6-17 through 2_9-3

Part 5 – New or updated Figures 2_9-5 through 6_1-1

Part 6 – Appendices except K2 and J

Part 7 – Appendix K2

Part 8 – Appendix J Part 1

Part 9 – Appendix J Part 2

Thank you very much.

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