



# Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Matthew H. Mead, Governor

John Corra, Director

October 20, 2011

Mr. Josh Leftwich  
Cameco Resources, Inc.  
20210 Carey Ave., Suite 600  
Cheyenne, WY 82001

**RE: North Butte ISL Operation, Permit No. 632, Mine Unit Hydrologic Test Plan, TFN 5 4/274**

Dear Mr. Leftwich:

Attached is a copy of Mark Taylor's review of the Mine Unit 1 Test Plan which was submitted under cover of your letter of September 15, 2011.

As noted in Mr. Taylor's memo, he finds the plan in order.

Please feel free to call or write if you have any questions.

Sincerely,

Glenn Mooney  
Senior Geologist

\gm

Attachment

cc: Cheyenne File w/attach.  
US Nuclear Regulatory Commission, Mail Stop T-7J8, Washington, DC 20555-0001 w/attach.

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*Mark  
10/20/11*



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## MEMORANDUM

TO: File, TFN 5 4/274

THRU: Glenn Mooney, Permit Coordinator

FROM: Mark Taylor, Groundwater Project Geologist *mt*

DATE: October 17, 2011

SUBJECT: Assessment of PRI's North Butte ISL Project (Permit No. 632) Mine Unit 1 Hydrologic Test Plan.

The following are my comments in response to Glenn Mooney's request of September 27, 2011:

### Comments

I have completed my assessment of the above-mention plan. This plan is in order.

It is understood the final report of the Mine Unit 1 hydrologic test will be PE or PG certified and that all Mine Unit 1 geologic cross-sections will be redrawn using data from the newly constructed groundwater monitoring wells. In addition, it is understood the discharge of water from this pump test will only occur following consultation with DEQ-WQD's Ms. Kim Medina (307-473-3476).

Mt/

xc: Cheyenne File

*mt*  
10/18/11