

## Betty Garrett - Fwd: Evaporation Pond and Tailings Impoundment Construction

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**From:** Stephen Cohen  
**To:** Betty Garrett  
**Date:** 12/11/2007 7:43 AM  
**Subject:** Fwd: Evaporation Pond and Tailings Impoundment Construction

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Please Docket - Kennecott

>>> "Paulson, Oscar (RTEA)" <Oscar.Paulson@riotinto.com> 12/06/2007 1:25 PM >>>  
 Stephen Cohen:

The current license states:

10.3 *The licensee shall construct and operate the proposed tailings impoundment, liner system, evaporation ponds, and tailings disposal system in compliance with Volumes III, IV, and VII of the Final Design application submitted by cover dated June 11, July 23, and September 18, 1997; including page changes submitted April 13, June 10, July 1, and July 20, 1998, and March 25, and June 21, 1999.*

*The licensee is currently authorized to construct up to eight evaporation ponds and one new impoundment. An additional two evaporation ponds and an additional five impoundments, as described in the above documents, may be constructed after: 1) notification of NRC; 2) submittal of data confirming the proposed design; and 3) an increase in the surety amount, based on the NRC-approved cost estimate for reclaiming the additional structures.*

10.5 *The existing tailings impoundment, the proposed tailings impoundments, and the proposed evaporation ponds shall be reclaimed in accordance with the Final Design Volumes V, VI, and VI Part 2 of the license renewal application submitted August 1, 1997, August 20, 1997, and May 28, 1998, with page changes submitted June 10, 1998, and supplements submitted February 3, February 25, and June 21, 1999.*

Final Design Volume VI discussed the existing tailings impoundment and in Section 1.1/Figure 1.1 discusses two (2) options for the existing impoundment those being:

- Reclamation
- Reuse via regarding and installation of a new liner system

The following pertains:

- Kennecott Uranium Company is clearly approved to construct one (1) new forty (40) acre double lined impoundment and up to eight (8) evaporation ponds
- What approvals if any would be required to reline the existing tailings impoundment (following regarding and dewatering) as discussed in Final Design Volume VI for disposal of additional tailings?
- What approvals would be required to reline the existing impoundment not for use for tailings disposal but rather as a large evaporation pond as an alternative to the construction of the up to eight (8) new evaporation ponds authorized by License condition 10.3?

Oscar Paulson

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**Creation Date:** 12/11/2007 7:43:03 AM  
**From:** Stephen Cohen  
**Created By:** SJC7@nrc.gov

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