

# Homestake Mining Company (HMC) Regulatory Actions

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Uranium Recovery and Licensing Branch

# Regulatory Actions and Goals

## Actions:

- Evaporation Pond #3
- Revised Ground Water Corrective Action Plan

## Goals:

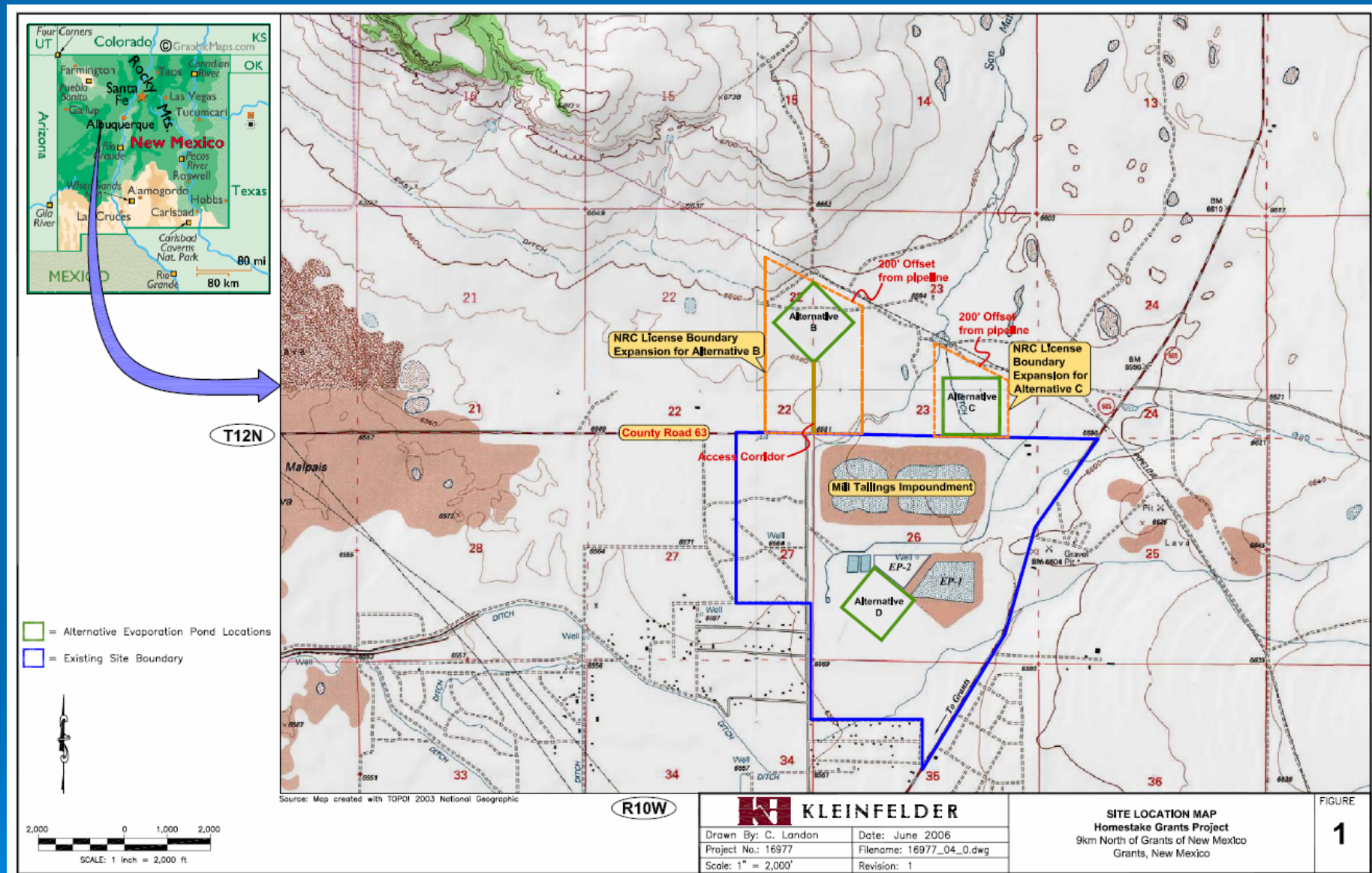
- Accelerate groundwater cleanup
- Accelerate site cleanup
- Protect public health and safety

# Evaporation Pond #3

## Purpose

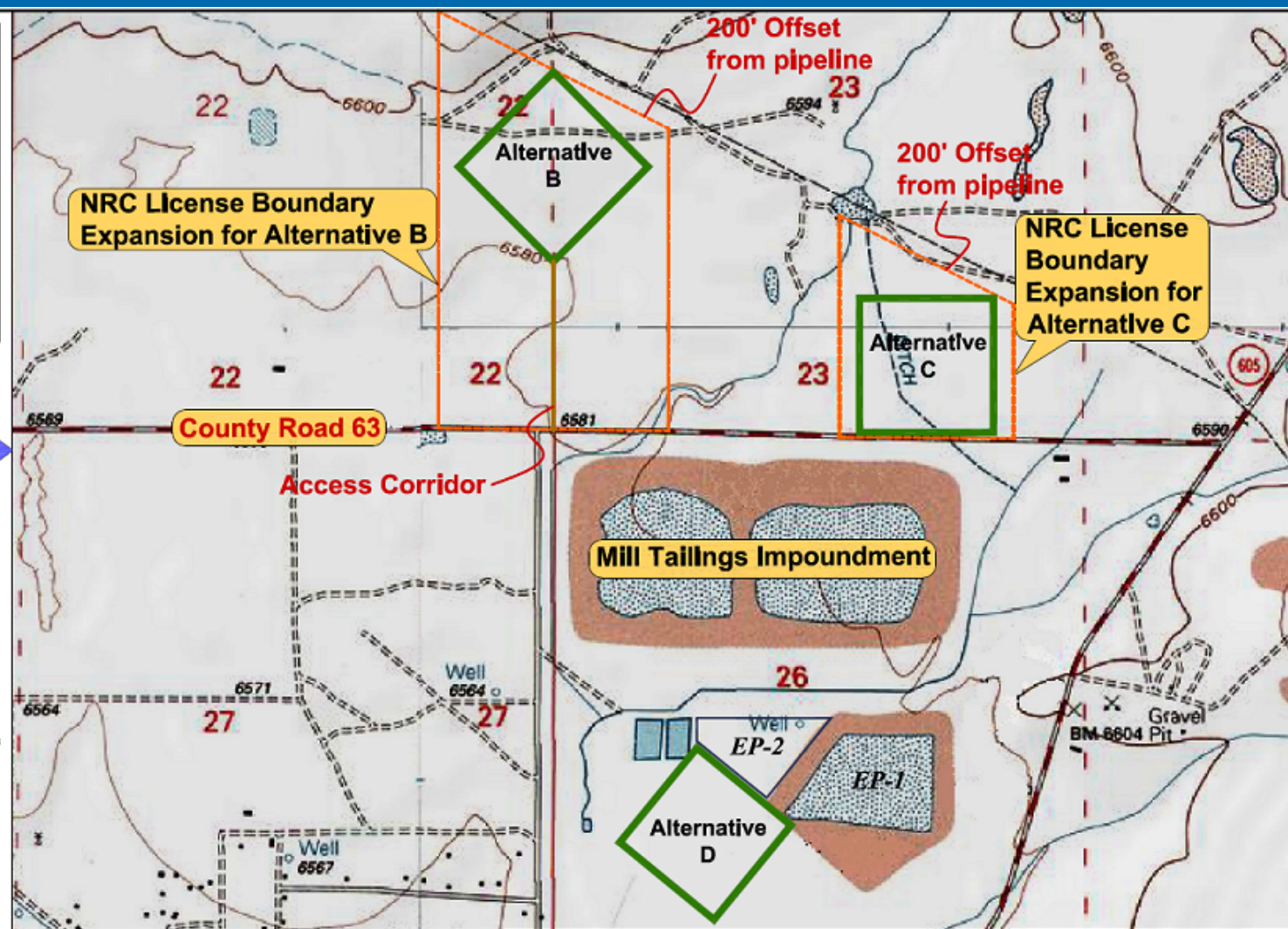
- Accelerate groundwater cleanup
- Accelerate evaporation rates
- Expand evaporative capacity
- Run reverse osmosis system at capacity

Three alternative locations proposed,  
Alternative B is HMC preferred alternative



10/10/2007





Source: Map created with TOPOM 2003 National Geographic

□ = Alternative Evaporation Pond Locations



1,000 0 500 1,000  
SCALE 1 inch = 1,000 feet

<b>KLEINFELDER</b>	
Drawn By: C. London	Date: June 2006
Project No.: 16977	Filename: 16977_04_0.dwg
Scale: 1" = 2,000'	Revision: 0

**ALTERNATIVE POND LOCATIONS**  
Homestake Grants Project  
9km North of Grants of New Mexico  
Grants, New Mexico

FIGURE  
**2**

# Evaporation Pond #3 Details

- Water surface area approximately 28 acres
- 10.5 feet maximum water depth at freeboard limit
- Maximum water volume capacity 266 acre feet
- Alternatives B and C require licensed boundary expansion





# Regulatory Review

- NRC review is in final stages, and will consist of Environmental Review and Technical Evaluation Report
- Consultations ongoing with commenting parties and agencies
- State review
- Regulatory decision



# Revised Ground Water Corrective Action Plan

- Current CAP approved in 1989
- Current CAP changes by NRC license amendment
- NRC requested revised CAP in 2006

# Revised Ground Water Corrective Action Plan Contents

- Project History and setting
- Description of CAP activities
- Plan for closure
- Proposed monitoring program
- Single document of CAP activities
- Public health and safety

# Regulatory Review

- Review in initial stages
- Environmental Review and Technical Evaluation Report
- Consultations with federal, state, and tribal governments
- State Review
- Regulatory decision

# Retrieving Public Documents in ADAMS

- 8 step process
- Documents from 2000 to current
- Only public documents
- Excludes proprietary, personal, and other sensitive information





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### For the Record



The NRC provided a 2-day course about reactors to fourteen reporters at its Technical Training Center in Chattanooga, Tenn. Here NRC instructor, Richard DeVercelly, explains about a reactor's control room using a simulator at the TTC. [more](#)

Waste Quick Links
Low-Level Waste
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HLW Disposal
Spent Fuel Storage
Spent Fuel Transport
Waste Research
Advisory Comm (ACNW&M)

## Highlights

[FY 2007-2012 Strategic Plan \(NUREG-1614, Vol. 4\) Draft for Comment](#)

## News Releases and Speeches

**September 10, 2007**

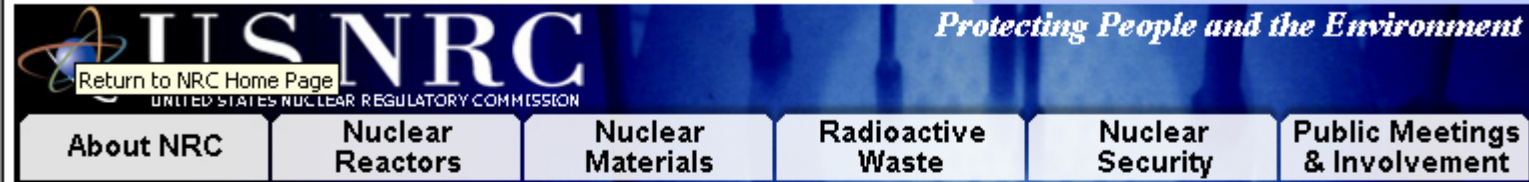
[NRC Sends Augmented Inspection Team to Review Electrical Breakers Issue at Alabama Nuclear Plant](#)

## Key Topics

- [Emergency Preparedness](#)
- [Reactor License Renewal](#)
- [Naturally-Occurring and Accelerator-Produced Radioactive Material \(NARM\) Toolbox](#)
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NRC releases several hundred documents to the public each work day. The Web site contains information and the documents that are most pertinent to NRC regulatory activities. Many of the documents are in [Basic References](#) or [Document Collections](#) (see bulleted list). The rest are available either from our record retrieval system, ADAMS, or from our Public Document Room. Documents posted at the Web site are also retrievable from ADAMS. The reference librarians at our [Public Document Room](#) can help you find a document in ADAMS or on the Web site.

- [Basic References](#) - links to the full text of frequently requested general, administrative, and regulatory reference documents, such as NRC Regulations, the Strategic Plan, and the Accountability and Performance Report
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### Related Links

- [What's New](#) - chronological list of recently posted documents and other information at this site



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The **Agencywide Documents Access and Management System (ADAMS)** is an information system that provides access to all image and text documents that the NRC has made public since November 1, 1999, as well as bibliographic records (some with abstracts and full text) that the NRC made public before November 1999. The NRC continues to add several hundred new documents daily. ADAMS permits full-text searching and enables users to view document images, download files, and print locally.

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The Electronic Hearing Docket for the high-level waste proceeding is also available, along with the [Overview for Using the Electronic Hearing Docket](#).

[Search the Electronic Hearing Docket](#) - advanced Web Search of hearing filings

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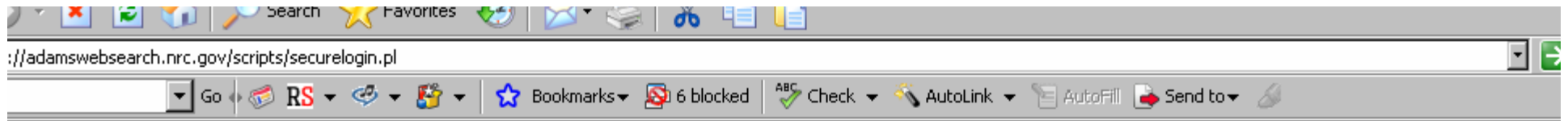
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Monday, June 25, 2007

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Search:

Searches entered in the above box will result in a [Concept](#) search. [Concept](#) mode searches are performed on meanings instead of exact matches to your query words. Query terms are expanded to other related terms. For example a search on the phrase decommissioning funding may also include the similar concepts of funds and financing. For [Boolean](#) and [Pattern](#) mode searches use the [Advanced Search](#) link.

In all search modes, enclose a phrase in double quotation marks to find only those documents that contain that exact phrase. For example, if you search on "steam generators" in the above box, you will find documents about steam generators. Entering steam generators without quotation marks will find documents about steam lines, generators, and sources (i.e. a [Concept](#) search).

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Mode: ☒ Concept ☐ Pattern ☐ Boolean

### Use these fields for Searching:

Title	<input type="text"/>	
Accession Number	<input type="text"/>	ex. ML000111222
Addressee Affiliation	<input type="text"/>	<input type="button" value="Select from Known Values..."/>
Addressee Name	<input type="text"/>	ex. Smith T E
Author Affiliation	<input type="text"/>	<input type="button" value="Select from Known Values..."/>
Author Name	<input type="text"/>	ex. Smith T E
Case/Reference Number	<input type="text"/>	ex. ASLBP-97-732-02, EA-00-142, FOIA/PA-2000-0368
Date Added	<input type="text"/>	DATE: mm/dd/yyyy or DATE RANGE: mm/dd/yyyy-mm/dd/yyyy
Docket Number	<input type="text" value="04008903"/>	ex. 03012304, 04003453, 05000320, 07000033
Document Date	<input type="text" value="09/01/2007-09/11/2007"/>	DATE: mm/dd/yyyy or DATE RANGE: mm/dd/yyyy-mm/dd/yyyy
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Document/Report Number	<input type="text"/>	ex. LER 01-004-00, NUREG-0800, NUREG/CR-6733, PNO-III-00-013, SECY-01-0123
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Image File	Rank	Title	Accession Number	Document Date	Estimated Page Count
	1. (67)	<a href="#">09/18/07 - Notice of Public Meeting to Inform Members of the Public About Regulatory Proposals by Homestake Mining Company, and to Listen to Questions and Concerns.</a>	<a href="#">ML072420417</a>	<a href="#">2007-09-04</a>	3
04008903 2007-09-04 2007-09-05 September 4, 2007 MEETING NOTICE SUBJECT: Public Meeting DATE AND TIME: September 18, 2007 7:00 p.m. - 9:00 p.m. LOCATION: Cibola County Center Convention Room 515 West High Street Grants, NM 87020 X Newly scheduled Revised C					



September 4, 2007

## MEETING NOTICE

SUBJECT: Public Meeting

DATE AND TIME: September 18, 2007  
7:00 p.m. - 9:00 p.m.

LOCATION: Cibola County Center  
Convention Room  
515 West High Street  
Grants, NM 87020

☒ Newly scheduled    ☐ Revised    ☐ Canceled

PURPOSE: To inform members of the public about regulatory proposals by Homestake Mining Company at the Homestake - Grants Reclamation Project uranium mill and tailings site, and to listen to questions and



# Conclusion

- Accelerate groundwater cleanup
- Accelerate site cleanup
- Protect public health and safety

# Q&A

## Regulatory Site Contacts:

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