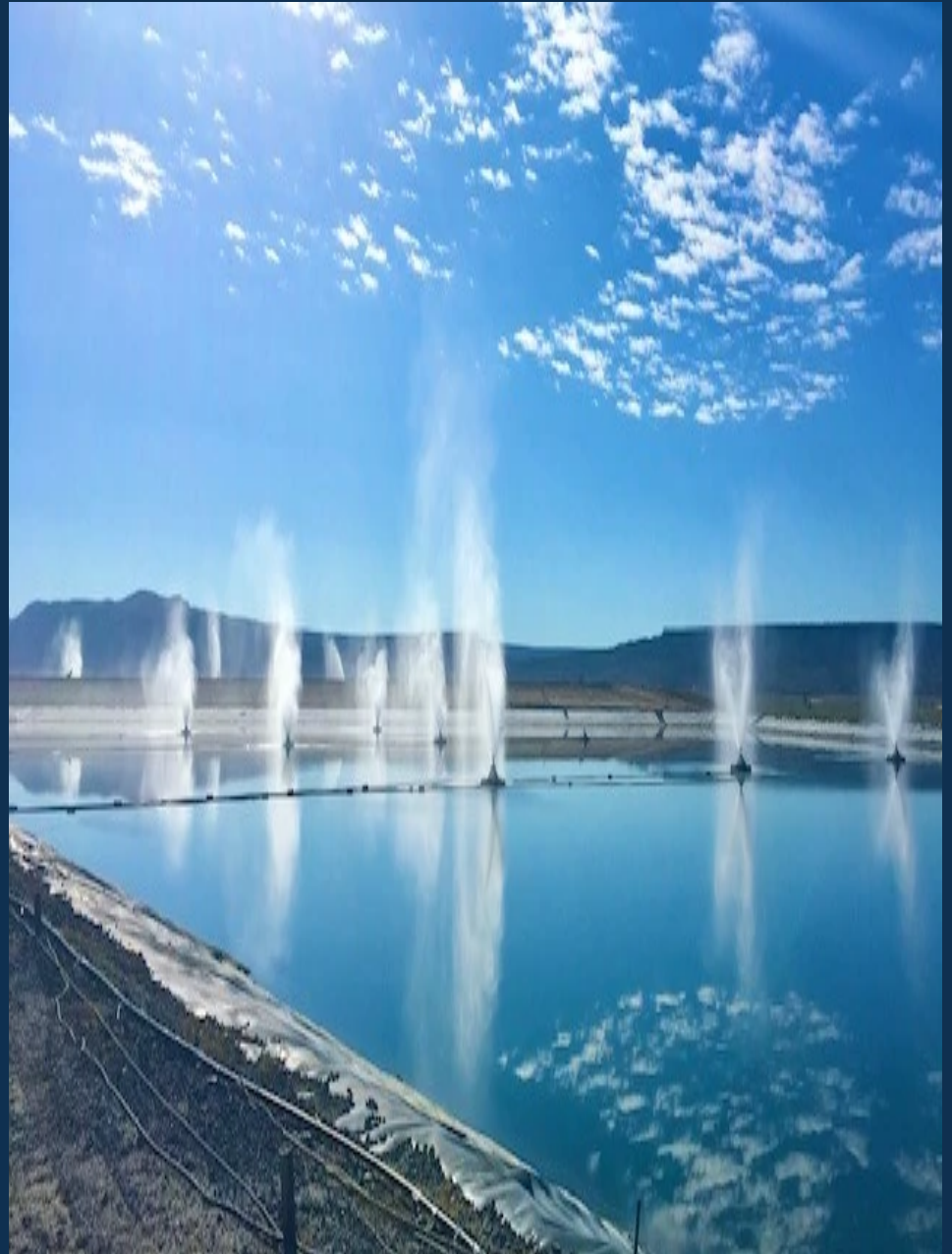


Homestake Mining Company of California Grants Reclamation Project (GRP)

**NRC Public Meeting
April 16, 2026**



Meeting Process

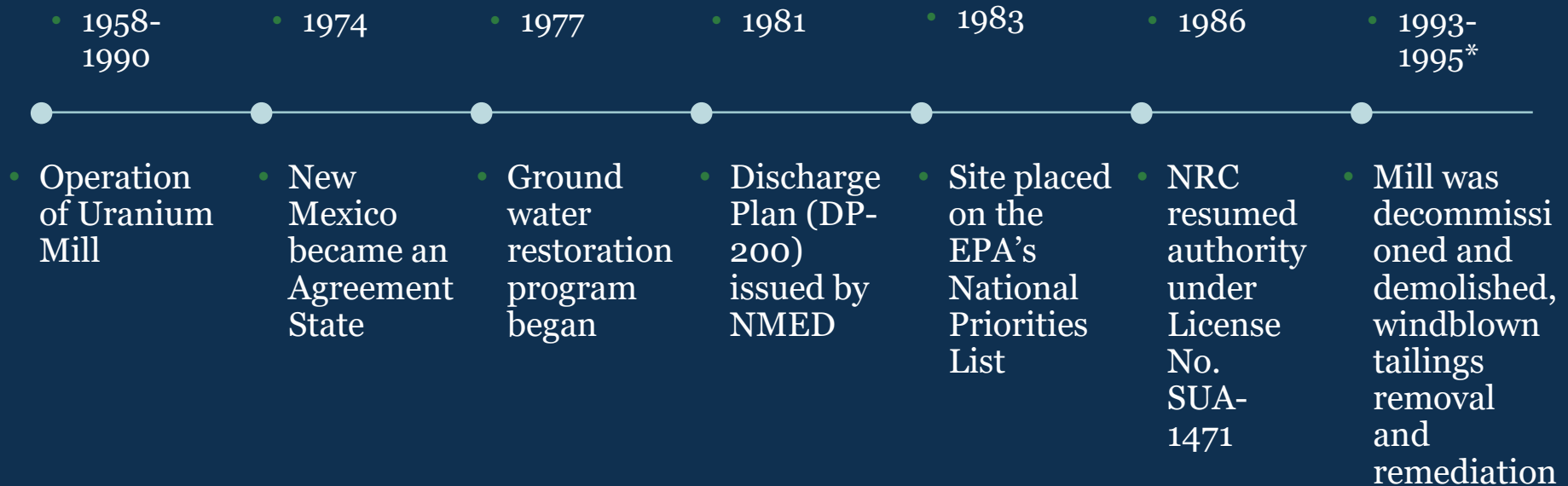
- Introductions, Nuclear Regulatory Commission (NRC) staff
 - Meeting process: NRC presentation followed by question-and-answer session
 - Please raise hand to ask question or put questions in the chat. Those participating by phone will be asked for questions. Those on the phone can use *5.
 - Homestake GRP site status and activities related to NRC license information (including meeting summary and slides) is available at: <https://www.nrc.gov/info-finder/decommissioning/uranium/homestake>
 - Summary will be distributed via the Homestake listserv list. If you would like to be placed on the listserv list, please visit: <https://www.nrc.gov/public-involve/listserver>

Time	Topic	Speaker
1:00 pm	Introduction	NRC
1:10 pm*	Background	NRC
1:30 pm*	Status of GRP Activities	NRC
2:00 pm*	Question and Answer Session	All
3:00 pm	Adjourn	All

Meeting Agenda

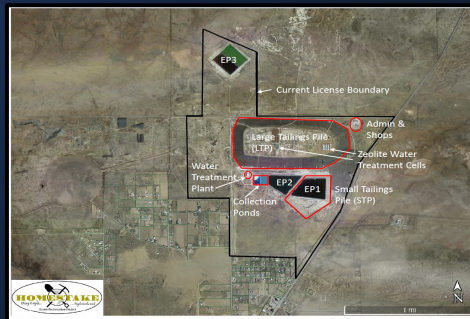
*Time subject to change

Site History



*1977 to Present - Groundwater remediation

NRC GRP Regulatory Activities



- Ongoing remediation in accordance with previously approved Groundwater Corrective Action Plan (GCAP)
 - Collection of impacted groundwater from on and off-site wells
 - Remediation of groundwater through reverse osmosis, injection of treated water at edge of plume
- Three Evaporation Ponds are on site.
- Collection Ponds are in use

Large Tailings Pile (LTP) Evapotranspiration (ET) Cover Design

Figure 1: 1995 Approved Cover Profile

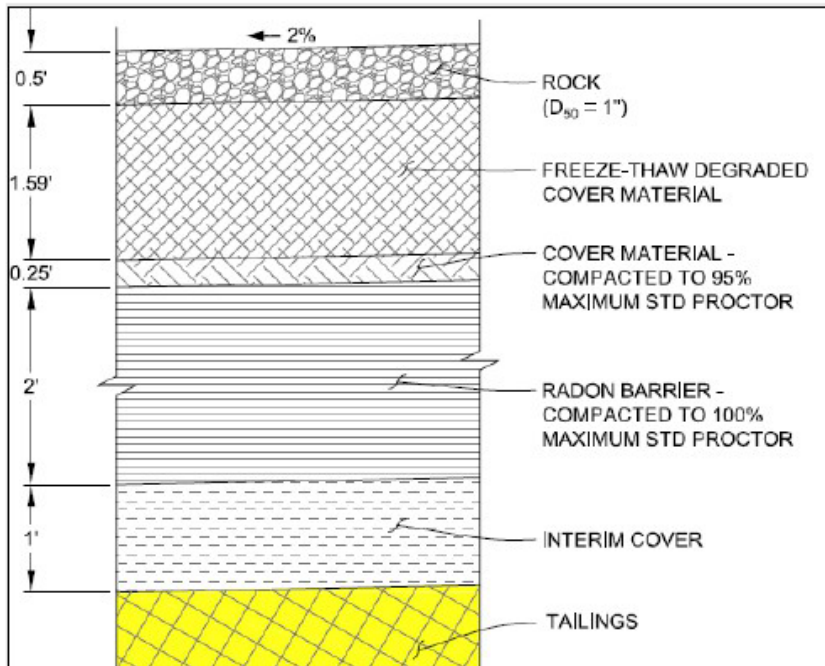
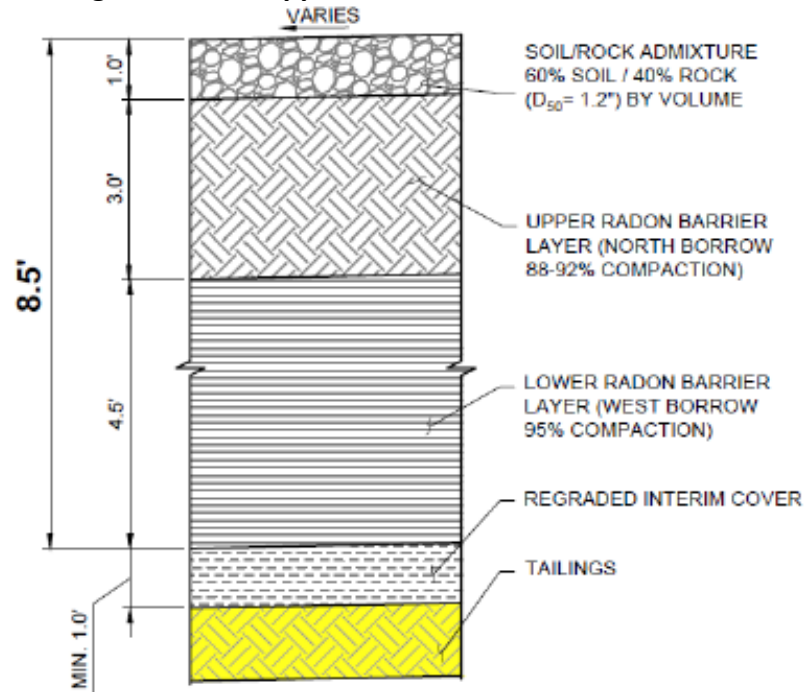


Figure 2: 2025 Approved Cover Profile



NRC Staff focused on 4 main areas of the LAR: radon flux, settlement, erosion resistance, infiltration. 2025 Design information available at [ML25163A318](https://www.meritlink.com/ML25163A318).

Safety Review*

Geotechnical Stability

Protecting Water Resources

Erosion Protection

Radiation Protection

* Separate environmental assessment review was also conducted.

NUREG-1620, Rev. 1



**Standard Review Plan for
the Review of a Reclamation
Plan for Mill Tailings Sites
Under Title II of the Uranium
Mill Tailings Radiation Control
Act of 1978**

Final Report

**U.S. Nuclear Regulatory Commission
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001**



LTP ET Cover Design

Approved with License Conditions including:

- monitoring plan for erosion protection;
- mixing methods for rock/soil admixture;
- measurement of radon flux after lower radon barrier is in place

Safety Evaluation Report (SER) ([ML25206A068](#))
Environmental Assessment (EA) ([ML25225A218](#))

NRC Inspection Program

Inspection Manual
Chapter (IMC)

Overall inspection
requirements

Inspection frequency
(every 6-12 months)

Inspection Procedure 87654,
“Decommissioning Inspection
Procedure for Uranium Recovery”

Lists “risk modules”
– areas of review

Based on most risk-
significant activities

Homestake’s most risk-
significant activities are
groundwater cleanup
operations and keeping
effluents within regulatory
limits

Procedure can be found here:
<https://www.nrc.gov/docs/ML2201/ML22010A144.pdf>

Typical Homestake Inspection

Inspections – include a mixture of performance-based and compliance-based inspection processes



Performance – observe work in progress



Compliance – review paperwork to verify programs and work was completed

NRC Inspection Reports

Recent
Inspection
Report:
[ML25230A008](#)



Inspection reports typically issued within 30 days of the on-site inspection



Most inspection reports are publicly available



If a violation of requirements is identified, Homestake must respond and identify how they will resolve the problem and prevent it from happening again.

The Future

Alternate Concentration Limits (ACLs) LAR

Long Term Care Fee and Long-Term Surveillance Plan

License termination and transfer to the custodial agency for long-term care and maintenance

Points of Contact

- **Melanie Wong**
Project Management (Safety)
Email: Melanie.Wong@nrc.gov
Phone: (301) 415-2432
- **Amy Minor**
Project Management (Environment)
Email: Amy.HesterMinor@nrc.gov
Phone: (817) 200-1454
- **Doug Mandeville**
Erosion Protection
Email: Douglas.Mandeville@nrc.gov
Phone: (301) 415-0724
- **Candace Spore**
Acting Branch Chief
Email: Candace.spore@nrc.gov
Phone: (301) 415-0537

- **Kevin Hayes**
Groundwater Protection
Email: Kevin.Hayes@nrc.gov
Phone: (301) 415-0549
- **Jennifer Gutierrez**
Radiation Protection
Email: Jennifer.Gutierrez@nrc.gov
Phone: (301) 415-4134
- **Linda Gersey**
Inspection
Email: Linda.Gersey@nrc.gov
Phone: (817) 200-1299

QUESTIONS

