



Regarding LA19036X
NE 10-9-27 W4M

Cracking Inspection Requirements Statement

The purpose of this statement is to revise the cracking inspection requirements in Approval LA19036X. Operating Condition #8a of Approval LA19036X reads:

“Until Nov 1, 2025, the co-permit holders shall complete annual inspections of the RCC for cracking, according to the crack inspection requirements prescribed by the NRCB in writing. The NRCB may, based on the cracking results and at its discretion, revise those requirements from time to time, in writing.”

In Board Decision 2021-03/LA19036, the Board required “inspections of the RCC for cracking annually until 2025, after which time Field Services can exercise its discretion as to whether further inspections are required and at what frequency.”

The NRCB assessed results from the crack inspection under the Board’s condition #2 in Decision 2021-03/LA19036 (2021 inspection). The NRCB has determined that the crack inspection requirements for the RCC lined pens permitted in LA19036X should be amended as follows:

Monitoring Frequency

Annual crack inspections conducted with the permit holder and NRCB personnel by September 1 of each year

Cracking Inspection Parameters

Any cracks observed to be more than “one 20 mm wide by 10 m length per 100 m² area” needs to be reported to the NRCB

Facilities to be Inspected

All roller compacted concrete (RCC) lined pens (open and covered) permitted in Approval LA19036X

Follow up

Should an inspection show that the RCC in a particular facility exceeds the cracking inspection parameters, a professional engineer, in consultation with the NRCB, shall conduct a more in depth inspection and include a remediation plan, if necessary.

To ensure that monitoring requirements are appropriate, CFO operators must inform the NRCB of any changes or damage to the RCC lined pens. The integrity of the RCC lined pens must be maintained.

These inspection requirements become effective on the date of this letter and supersede any previously issued inspection requirements at this CFO.

September 24, 2021

(Original signed)
Julie Wright
Approval Officer