

Manager: NTW Projects
National Nuclear Regulator
P.O Box 7106
CENTURION
0046

Our Reference: NIL04A0081
Your Reference: N/A
Document No: NLM-LET-18/035
Enquiries: ES Tshabalala
Date: 05 March 2018

ATTENTION: Mr. T Pather

Dear Sir,

NIL04-ACR-0001: Thabana Pipe Store Expansion

This submission is to initiate the process to request amending of NIL04 (variation 0) to authorize the following:

- Expansion of the Thabana Pipestore to enable the storage for SAFARI-1 cropped used fuel plates and cropped used control rod plates produced by SAFARI-1's operation until 2030;
- Storage of uranium residue from production processes of ⁹⁹Mo at NTP Radioisotopes.

The following sections of NIL04 (variation 0) will be impacted:

- i) Section 2a: Facility description of the Thabana Pipe Store;
- ii) Section 3a: Scope of Actions that may be undertaken in the Thabana Pipe Store;
- iii) Part B-1: Specified NNR Requirements for Thabana Pipe Store;
- iv) Figure 1: Site Plan of the Thabana Complex showing Thabana Pipe Store, Thabana Radioactive Waste Storage Facility, Thabana Containerized Radioactive waste Storage Facility and CaF₂ Ponds.

Submissions to demonstrate compliance with nuclear safety and NNR licensing requirements will be outlined in a licensing strategy for this project.

At the conclusion of the project (all project phases executed in accordance with NNR Authorization Requests), detail of the proposed amendments in NIL04 will be submitted to you under this ACR.

We trust you find everything in order.

Please address all correspondence to the Acting Manager: Pre-disposal Operations.

Yours faithfully


ES TSHABALALA

ACTING MANAGER: PREDISPOSAL OPERATIONS



D RAMJEE

SENIOR MANAGER: LICENSING AND SAFETY ANALYSIS

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