

OPERATIONS – a division of Necsa SOC Ltd

PO Box 582  
Pretoria 0001  
South Africa

T +27 12 305-6234  
F +27 12 305-3734  
M +27 83 631 0602

E leo.hordijk@necsa.co.za  
W www.necsa.co.za



OPERATIONS

Manager: NTW Projects  
National Nuclear Regulator  
PO Box 7106  
CENTURION  
0064

Our Reference: NIL11A0117  
Your Reference: -  
Document No.: NLM-LET-14/002  
Enquiries: L Hordijk  
Date: 15 January 2014

ATTENTION: Mr. T Pather,

Dear Sir,

**NUCLEAR OCCURRENCE NIL11-OCC-0010: ROUTINE CONTAMINATION SMEAR RESULT IN PELSTORE REPACK AREA EXCEEDS INTERVENTION LEVEL – NOTIFICATION**

INFORMATION CATEGORY	INFORMATION
Date of occurrence	2013/12/03
Date of initial notification	2014/01/15
Facility area	Area 14 Waste Management Complex - Pelstore
Responsible Manager (Acting)	ES Tshabalala
Problem Title	One routine contamination smear result in Pelstore repack area exceeds intervention level
Category of occurrence according to SHEQ-INS-4140	2 B2 Radiation levels measured in a workplace or other onsite area or contamination by radioactive material of a workplace or other on-site area.
INES Rating according to SHEQ-INS-4145 Appendix B	1
Immediate consequences	None.
Sequence of the event in as much detail as possible at the time	<ul style="list-style-type: none"><li>- 3/12/2013: monthly surveillance smears taken by RPO in Pelstore, including Repacking area</li><li>- 17/12/2013: Laboratory smear results received, indicating one smear taken in the repacking area exceeds the limit for blue contamination area e.g. Alpha &gt;4 kBq/m<sup>2</sup>.</li><li>- On return after the festive holidays, a Cat 1 event was registered on the EMP (SWO-NCR-2014/0001/E).</li><li>- 14-1-2014: Investigation meeting held, and event was reclassified to Cat 2.</li><li>- 15-1-2014: Written notification submitted to the NNR (NIL11A0117)</li></ul>
Corrective measures	<ul style="list-style-type: none"><li>- As soon as result was received, the repacking area was cleaned by PDO personnel</li><li>- Confirmatory smears were taken by RPOs.</li><li>- Awaiting results from the laboratory.</li></ul>
Other relevant information	Investigation will be held this week.

Directors Ambassador MJ Seekoe (Chairperson), Ms NJ Mxakato-Diseko (Deputy Chairperson), Mr J Kellerman, Mr M Khoathane, Prof T Majozi, Mr ZS Mbambo, Ms MM Mokuena, Ms E Monale (alternate director to Mr ZS Mbambo), Adv N Shaik-Peremanov, Mr PZR Zwane, Mr GP Tshelane (CEO)

Company Secretary Mr. AC Mabunda

REG. 2000/003735/06



Please address all correspondence to the Manager: Predisposal Operations at the contact information indicated.



L Hordijk

**MANAGER: PDO: NLM**

Copies: MP Grobler, L Hordijk, GR Liebenberg, AR Davids, NO Ramaila, BS Ntshabele, TC Akortia, ES Tshabalala, AC Carolissen, NJ v/d Merwe, MB Lukhwareni, NLM records, PDO records, LD records, SHEQ records

