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<b>Document no.:</b>	NRWDI-LET-0502
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<b>Date:</b>	8 <sup>th</sup> June 2020

Dear Esteemed and Valued Stakeholder of the Vaalputs Public Safety Information Forum

## **CANCELLATION OF VAALPUTS PUBLIC SAFETY INFORMATION FORUM (VPSIF) MEETING SCHEDULED FOR 11<sup>th</sup> JUNE 2020**

Management is deeply committed to the health and wellbeing of our people, partners, stakeholders, customers, members of the public and the communities surrounding Vaalputs. The rapid global spread of COVID-19 virus has quickly eclipsed other recent epidemics in both size and scope and will have a profound negative impact on the safety and health of people. It is up to every one of us to play our part to ensure that the spread and effects of the virus are limited as much as possible.

Against this backdrop, Management has deemed it prudent and responsible to cancel the Vaalputs Public Information Forum that was scheduled to take place on 11<sup>th</sup> June 2020. The continuation of this meeting will be a violation of the Presidential disaster declaration and in particular the Disaster Management Act.

VPSIF is a regulatory requirement in terms of the NNR Act. The Nuclear Installation License holder is directed to inform stakeholders and the public on information pertaining to nuclear safety and radiation safety matters relevant to the Vaalputs Nuclear Installation. The frequency is one meeting per quarter.

Against this backdrop and as alternative to share information regarding the nuclear and radiological safety of Vaalputs, Management decided to make the information available that was supposed to be communicated to the Vaalputs Public Safety Information Forum on the 11<sup>th</sup> June 2020. The information is attached for your perusal.

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**Board of Directors:** Mr. Tshupo Mofokeng (Chairperson); Mr. Luvuyo Mkontwana (Deputy Chairperson); Mr Mark Gordon; Ms. Mbali Ndlovu; Mr. Lebohang Sam Moleko; Ms. Lerato Makgae; Adv. Mothusi Lucas Tsineng; Mr Alan Carolissen (acting CEO)\*; Mr. Justin Daniel (CFO)\* (\*Executive Directors).

Classification	Open
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NRWDI-FRM-001, Rev. 11

Please feel free to contact Mr Willem Beukes, Manager Vaalputs if you need any clarification and amplification of the attached information. His contact details are as follows:

E-mail: [Willem.Beukes@necsa.co.za](mailto:Willem.Beukes@necsa.co.za)  
Telephone Office: 0277188400

The information is also available on the National Radioactive Waste Disposal Institute's website:  
[www.nrwdi.org.za](http://www.nrwdi.org.za)

Thanking you in advance for your understanding and cooperation to fight the pandemic created by COVID-19 virus.

Yours sincerely,



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Mr. Alan Carolissen  
**Acting CEO: NRWDI**

**NRWDI**

NATIONAL RADIOACTIVE WASTE  
DISPOSAL INSTITUTE



# Vaalputs Public Safety Information Forum

## CEO Presentation

**11 JUNE 2020 MEETING CANCELLED DUE TO COVID-19 PANDEMIC**

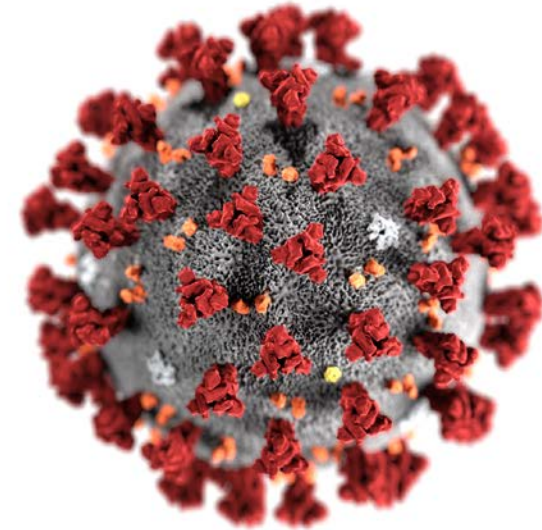
**Mr Alan Carolissen  
Acting Chief Executive Officer**

# PRESENTATION CONTENTS

- **COVID-19 Pandemic**
- **NRWDI 2020/21 Annual Performance Plan**
- **Update on NRWDI's License Application to Manage and Operate Vaalputs**
- **Key Strategic Projects**

# RESPONSE TO COVID-19 PANDEMIC

- **NRWDI's overriding priority is the health and wellbeing of our employees, partners, stakeholders, customers, members of the public and the communities surrounding Vaalputs.**
- **In this regard, all employees are currently working from home.**
- **NRWDI has established a Covid-19 Task Team task team to develop and implement plans to curb the spread of the Corona Virus (COVID-19) in the work place.**



# RESPONSE TO COVID-19 PANDEMIC

- **COVID-19 Health and Safety Plan has been developed and approved for implementation.**
- **The Health and Safety Plan focuses on:**
  - **Risk Assessments to identify all high risk areas, high risk activities and to assess exposure / potential exposure of staff to COVID-19.**
  - **Engineering measures such as ventilation and physical barriers.**
  - **Administrative controls such as access control, screening, social distancing, work from home, educating and training, reporting and tracing.**
  - **Healthy and safe work practices such as disinfectants, sanitisers and personal hygiene.**
  - **Personal Protection Equipment (PPE) such as masks, gloves and facial shields.**
  - **Safety measures during transport of employees to and from work.**
  - **Emergency plan for responding to COVID-19 cases in the workplace.**

# RESPONSE TO COVID-19 PANDEMIC

- **Compliance Officer has been appointed that will be assisted by Health and Safety Representatives.**
- **Currently busy with the preparation of the workplace for the phased return of staff to work which includes, inter alia,**
  - **training and awareness campaigns;**
  - **risk assessments on staff, activities and the workplace;**
  - **social distancing protocol;**
  - **cleaning and sanitizing offices;**
  - **procurement of PPE;**
  - **procurement of cleaning material and hand sanitizers;**
  - **implementing access control;**
  - **symptoms screening and testing; and**
  - **protocol for phased return to work.**

# **NRWDI 2020/21 ANNUAL PERFORMANCE PLAN (APP)**

- **The NRWDI 2020-2021 Annual Performance Plan (APP) was presented to the Parliamentary Portfolio Committee on Mineral Resources and Energy (PCMRE) on 19 May 2020.**
- **The APP was well received by PCMRE.**
- **The PCMRE applauded NRWDI for maintaining its clean audit status for two consecutive years which bears testimony to the fact that an institutionalized culture of accountability and responsibility prevails in NRWDI, thus demonstrating a resilient commitment towards good governance, prudent financial management, excellence, transformational and ethical leadership.**



# UPDATE ON LICENSE APPLICATION

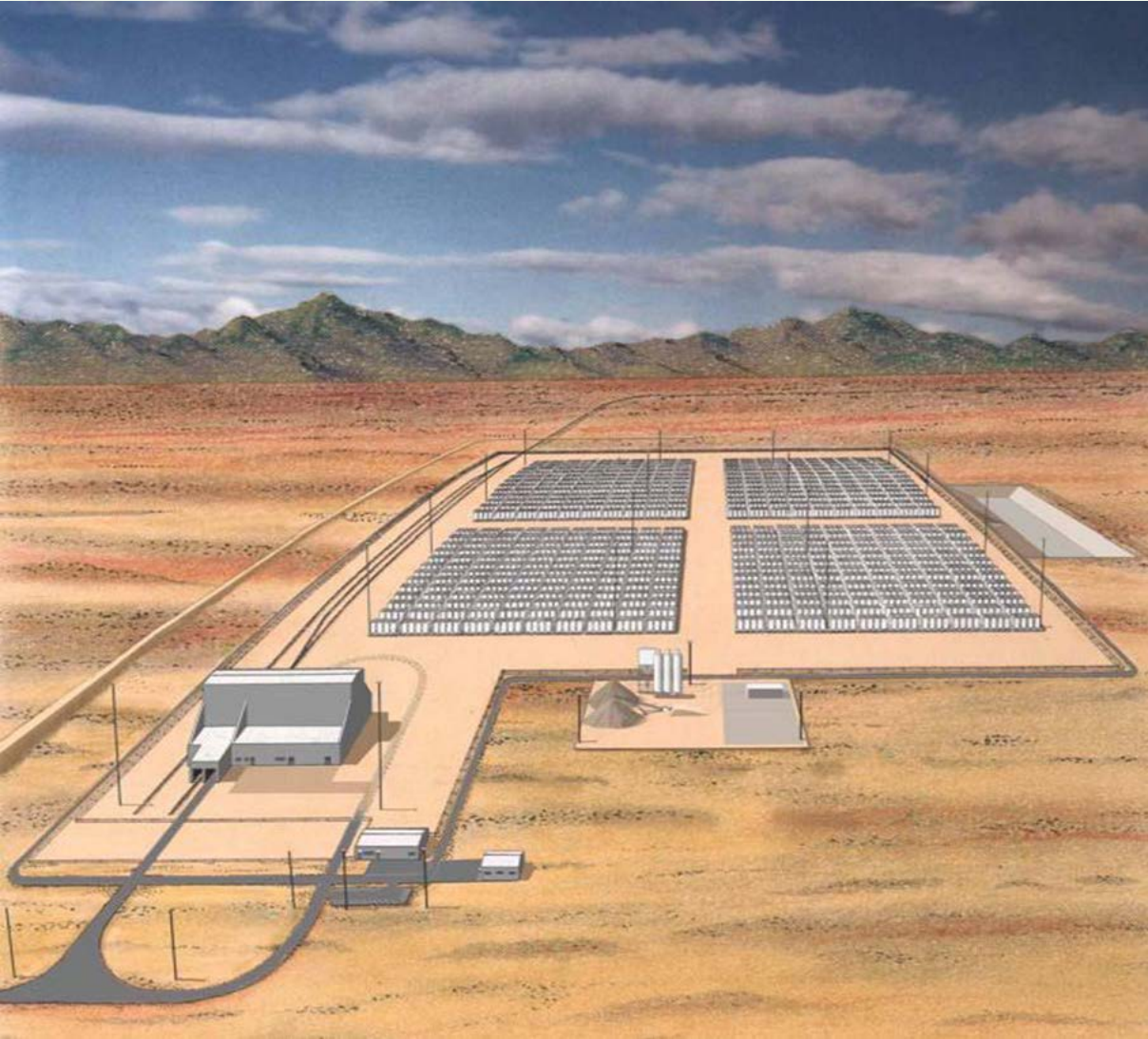
- According to National Radioactive Waste Disposal Institute Act (“NRWDIA”) (Act No. 53 of 2008), Section 30 (b) all employees of the South African Nuclear Energy Corporation (Necsa) at the Vaalputs Waste Disposal facility, appointed in terms of Section 25 of the Nuclear Energy Act (Act No 46 of 1999), must be deemed to be employees of NRWDI with effect from 1 December 2009.
- All staff have been transferred to NRWDI with effect from 1 April 2018.
- Necsa is currently the nuclear installation license holder for Vaalputs for the disposal of low level waste. This nuclear installation license needs to be obtained in the name of NRWDI to execute its policy and legislative mandate as per Section 5 of the NRWDI Act.
- Section 30 (8) of the NRWDI Act places a legal obligation on Necsa to continue maintaining the nuclear installation license for Vaalputs, using existing government budget allocations, until such a time as the NRWDI is in a position to take over these functions to the satisfaction of the National Nuclear Regulator (NNR).

# UPDATE ON LICENSE APPLICATION

- **NRWDI applied for the nuclear installation license to operate and manage Vaalputs based on Section 30(a) of the NRWDI Act.**
- **NNR requested all the Vaalputs safety case documentation (19 documents).**
- **NRWDI submitted these 19 documents to NNR.**
- **NNR provided comments on 16 of these document and 3 of the documents were accepted by NNR.**
- **NRWDI addressed all comments relating to the sixteen (16) the documents and these updated documents were resubmitted to the NNR for approval.**
- **NRWDI is carefully optimistic that Vaalputs Nuclear Installation License will be approved and issued to NRWDI by the end of the second quarter of the 2020/2021 Financial Year.**

# OFF-SITE ABOVE GROUND STORAGE FACILITY FOR SPENT FUEL

Establishment of off-site above ground Centralized Interim Storage Facility (CISF) for spent fuel by 2025.



# MINISTERIAL APPROVAL FOR CISF

- **Ministerial approval has been obtained for the establishment of CISF for the long-term storage of spent nuclear fuel on a national basis, in terms of Sections 46(2) and 46(3) of the Nuclear Energy Act No.46 of 1999.**
- **NRWDI will use this critical and national infrastructure project as a catalyst and an enabler to forge durable partnerships and social compacts between government, business, labour, communities and civil society that will result in job creation, skills development, inclusive growth and economic transformation in order to give impetus to the creation of a capable, ethical and developmental state that is at the cutting-edge of the Fourth Industrial Revolution.**



# SUPPORT KOEBERG NUCLEAR POWER PLANT LIFE TIME EXTENSION

- **Global trend to extend the operating life time of nuclear power plants.**
- **Koeberg Nuclear Power Plant will be extended by another 20 years to 2045**
- **Replacement of key critical components necessary that will result in disposal of large nuclear safety components such as Original Steam Generators (OSGs).**
- **NRWDI to develop new disposal solutions for these waste categories.**



# SUPPORT KOEBERG NUCLEAR POWER PLANT LIFE TIME EXTENSION



**ORIGINAL STEAM GENERATOR**



**REACTOR PRESSURE VESSEL HEAD**

**NRWDI**

NATIONAL RADIOACTIVE WASTE  
DISPOSAL INSTITUTE



**THANK YOU !**

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# VAALPUTS PUBLIC SAFETY INFORMATION FORUM

**MEETING CANCELLED DUE TO COVID 19**

**Date: 11 JUNE 2020**

**W BEUKES**

**MANAGER: VAALPUTS**





## Contents:

- COVID-19 Pandemic**
- RESPONSE TO COVID-19**
- POSTERS: RESPONSE TO COVID-19**
- OPERATIONS**

## COVID -19 Pandemic:

- Due to the safety measure related to Corona Virus (Covid-19) the scheduled meeting of 12 June 2020 at Kheis had be cancelled.
- Only Essential Vaalputs employees are allowed on Vaalputs premises during the lockdown.
- No visitors or service providers are allowed on Vaalputs site.
- All other non-essential Vaalputs employees are currently from home.
- Only the statutory requirements activities are undertaken.

## SAFETY MATTERS IN PLACE:

1. Covid-19 Hazard Identification Risk Assessment for Vaalputs
2. Cleaning protocol to mitigate the risk of exposure to Covid-19
3. Return to Work Plan
4. Sanitizers(hand free dispensers) and sign posting are strategic place in the facility.
5. Sanitizers and cloth masks are issued to all employees
6. Disinfection of Facility will be done before 30-50% employees resuming with their duties.

# POSTERS : RESPONSE TO COVID-19

## Coronavirus Beskerm jousef só

Was jou hande  
met seep  
vir 20 sekondes



Hoe lank duur 20 sekondes?

Neyrie die eerste wêreld  
van ons volkster:  
Nkosi Sikelel' iAfrika



Vir meer inligting besoek ons webwerf















## CORONAVIRUS






COVID-19

### SAFETY ADVICE & TIPS


**PREVENTION**

 <b>WASH HANDS FREQUENTLY</b>	 <b>DON'T TOUCH YOUR FACE</b>	 <b>WEAR A PROTECTIVE MASK</b>	 <b>KEEP OBJECTS &amp; SURFACES CLEAN</b>
 <b>KEEP OFFICE &amp; WORK AREA CLEAN</b>	 <b>SELF ISOLATE WHEN POSSIBLE</b>	 <b>USE GLOVES</b>	 <b>DISINFECT EQUIPMENT</b>
 <b>WEAR PROTECTIVE GEAR</b>	 <b>PROTECT YOUR FACE</b>	 <b>AVOID CROWDS</b>	 <b>AVOID SHAKING OR GREETING</b>

**SYMPTOMS**



 <b>FEVER</b>	 <b>COUGH</b>	 <b>SHORTNESS OF BREATH</b>	 <b>SORE THROAT</b>	 <b>HEADACHE</b>
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**STAY SAFE EVERYONE**



**MANAGING INFECTIOUS DISEASE IN THE WORKPLACE COVID-19**  
E-LEARNING AVAILABLE FREE OF CHARGE TO ALL SAFETYWALLET MEMBERS AND MAKROSAFE CLIENTS.

**Contact us TODAY**  
**0861 444 777**  
✉ contact@makrosaf.co.za




# RESPONSE TO COVID-19

## DIE BELANGRIKSTE ASPEK VAN DIE COVID-19 CORONAVIRUS\* SPREADS

IS OM TE WEEËT HOE DIT VERSPREI.

\*Die Coronavirus is een van 'n "familie" virusse, wat respiratoriese-en lugweeginfeksies veroorsaak. Dit kan voorkom as 'n gewone verkoue of griep, tot meer ernstige siektes soos "Middle East Respiratory Syndrome" (MERS) en "Severe Acute Respiratory Syndrome" (SARS). Hierdie twee siektes veroorsaak ernstige asemhalingsprobleme.


Die virus versprei deur fyn sporeidruppels wat in die




**SIK PERSOON**      **OË**      **NEUS**      **MOND**      **GESONDE PERSOON**

Wanneer jy iemand teëkom wat hoë of nies en duidelik siek is, kan jy besluit om:

1. 'n Veilige afstand te hou.
2. Groot groepe mense te vermy




(0.5m. tot 2m. is 'n veilige afstand om druppelbesmetting te voorkom.)



(Mense wat besmet is, kan voordat hulle enige simptome het, reeds aansteeklik wees.)


Die siek persoon se speeksel beland baie maklik, op verskeie voorwerpe.



**HANDE**      **DEURHAND VATSELS**      **ELEKTRONIESE TOESTELLE**      **REKENAAR MUIS**      **KOPPIES**      **PENNE**      **HANDRELINGS**      **EETGEREI**


Jy raak aan hierdie goed en vat aan jou gesig of vryf jou oë, of raak aan 'n geliefde se gesig. So kan julle almal aansteek en siek word.

## COVID-19



**Clean and disinfect frequently touched objects and surfaces using regular household detergents. Read the instructions on the detergent label.**

COVID-19 Helpline: 0800 929 929



- Waste Pre-shipment inspections were done at Koeberg.
- No shipments received from Pre-Disposal Operators (Necsa and Koeberg)
- Weather station has been calibrated.
- Quarterly Environmental samples were taken as required.
- Statutory inspections on equipment were done.
- No deviations reported.



# Questions?