
BOARD NOTICES • RAADSKENNISGEWINGS

BOARD NOTICE 10 OF 2021**NATIONAL NUCLEAR REGULATOR**

For the protection of persons, property and the environment against nuclear damage.

- (1) The National Nuclear Regulator (NNR) has directed the National Radioactive Waste Disposal Institute (NRWDI) to publish the attached Application for Nuclear Installation Licence for the Vaalputs National Radioactive Waste Disposal Facility in the Government Gazette and a minimum of two newspapers circulating in every municipality affected by the application.
- (2) Please find attached a copy of the Application.
- (3) Pursuant to the provisions of Section 21(4) of the National Nuclear Regulator Act, Act 47 of 1999, you are afforded an opportunity to submit, to the NNR, written representations, relating to health safety and environmental issues, connected to our application, by no later than 30 March 2021.
- (4) Your written representations should be marked for the attention of the Programme Manager: NTWP and submitted using the following alternatives –
 - (a) Hardcopies that are –
 - (i) Hand delivered at the NNR offices, being Eco Glades 2, Block G, Eco Glades Office Park, 420 Witch Hazel Avenue, Highveld, Centurion (opposite the Land Bank Offices)
 - (ii) Posted to The National Nuclear Regulator, P.O. Box 7106, Centurion, 0046.
 - (b) Emails to mailbox written-represenation01@nnr.co.za
- (5) To aid you in your representations a NRWDI produced Public Information Document is available and can be accessed from –
 - (a) the NNR Website at URL
<https://nnr.co.za/wp-content/uploads/2021/02/NRWDI-PID.pdf> or
 - (b) the NRWDI Website at URL
<https://www.nrwdi.org.za/Vaalputslicence.html>

ATTACHMENTS –**NRWDI APPLICATION, being NAPP08A0004****NATIONAL NUCLEAR REGULATOR**

Eco Glades 2, Block G, Eco Glades Office Park, 420 Witch Hazel Avenue, Highveld Ext 75, Eco Park, Centurion, 0157. PO Box 7106, Centurion, 0046, South Africa.
Telephone: +27 12 674 7100 Facsimile: +27 12 663 5513 E-mail: enquiry@nnr.co.za Website: www.nnr.co.za

Private Bag X1, Pretoria, 0001
Gauteng Province
Republic of South Africa
T: +27 (0)12 305 3222
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E: info@nrwdi.org.za



Dr BM Tyobeka
Chief Executive Officer
National Nuclear Regulator
PO Box 7106
CENTURION
0046

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|------------------------|--|
| Our reference: | NAPP08A0004 |
| Your reference: | NAPPO8B0004 |
| Document no.: | NRWDI-LET-0345 |
| Enquiries: | Alan Carolissen |
| E-mail: | Alan.Carolissen@nrwdi.org.za |
| Telephone: | 012 305 6114 |
| Date: | 8 th February 2019 |

Dear Dr Tyobeka

APPLICATION TO REISSUE THE NUCLEAR INSTALLATION LICENCE THAT WAS PREVIOUSLY ISSUED TO NECSA REGARDING THE MANAGEMENT AND OPERATION OF THE VAALPUTS NATIONAL RADIOACTIVE WASTE DISPOSAL FACILITY IN THE NAME OF THE NATIONAL RADIOACTIVE WASTE DISPOSAL INSTITUTE (NRWDI)

The juristic person known as the National Radioactive Waste Disposal Institute (NRWDI) herewith applies for the reissuing of the license that was previously issued to Necsa regarding the management and operation of the Vaalputs National Radioactive Waste Disposal Facility. The Board of NRWDI has duly authorised the Acting CEO, Mr. Alan Carolissen, to apply for the Nuclear Installation Licence (See Attachment 1)

The following information as required in terms of Regulations GN 1219 of Government Gazette 39585 of 21 December 2007 for a Nuclear Installation Licence application, is herewith provided:

- The National Radioactive Waste Disposal Institute Act (NRWDIA) (Act no. 53 of 2008) was proclaimed by the President of the Republic of South Africa in Government Gazette no. 32764 and became effective on the 1st December 2009 (See Attachment 2). The NRWDIA endorses the establishment of NRWDI to discharge a ministerial institutional obligation to manage radioactive waste disposal on a national basis. The NRWDIA governs the activities of NRWDI for the long term management and disposal of all classes of radioactive waste on a national basis and provides for its functions and powers as per Sections 5 and 6 respectively of the NRWDIA. NRWDI is listed as a Schedule 3A public entity in terms of the Public Finance Management Act (No. 1 of 1999) and is a wholly owned by the State.

Board of Directors: Mr. Tshepo 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

NRWDI-FRM-001, Rev. 11

In terms of Section 21(1) of the NRWDI Act, NRWDI receives its funds from, inter alia, the following sources:

- Fees received from waste generators on a cost recovery basis for services rendered (polluter pays principle);
- Money appropriated by Parliament;
- Income or interest earned on the Institute's cash balance or on money invested; and
- Money transferred to the Institute from the Radioactive Waste Management Fund, which is still to be established by passing legislation. The fund is aimed at ensuring sufficient provision for the long- term management of radioactive waste.

In April 2017 the Institute received its first three year baseline budget from National Treasury to discharge its mandate as a going concern. NRWDI received its future Medium Term Expenditure Funding (MTEF) allocations for the financial years 2019/20-2021/22 (See Attachment 3) to discharge its mandate as a going concern.

Financial resources will thus be available to ensure delivery on the requirements of the Vaalputs nuclear installation licence, including providing financial security for claims against nuclear damage, consistent with the requirements of Section 29 (5) of the NNR Act and Regulations No. 388 on Safety Standards and Regulatory Practices of 2008.

The NRWDI Head Office is located on the third floor in the V-X building on the Necsa (Pelindaba East) site. The physical address is:

Elias Motsoaledi Street Extension (Church Street West)
R104 Pelindaba
Brits Magisterial District
Madibeng Municipality
North West Province
0240

The postal address for the NRWDI Head Office is:

Private Bag X1, Pretoria, 0001
Gauteng Province
Republic of South Africa

- Vaalputs is located in the magisterial district of Kamiesberg in the Northern Cape Province, approximately 90 km south east of Springbok on adjoining portions of the farms Vaalputs

(Portion 1, Geelpan and Portion 2, Garing) and Bokseputs (Portion 1, Stofkloof) (see Attachment 4). The Vaalputs site area measures approximately 10 000 hectares of which 10% (~1 000ha) is designated for Low Level Waste (LLW) disposal.

Following a comprehensive site selection and site characterisation program, Vaalputs became operational in 1986 as the national, near surface radioactive waste disposal facility that serves South Africa's needs for disposing of low level radioactive waste generated within the nuclear industry. The disposal concept is near surface disposal consisting of near surface trenches located in the region above the groundwater table.

The physical address of Vaalputs where the radioactive waste disposal operations are carried out is:

Vaalputs National Radioactive Waste Disposal Facility
Vaalputs farm (portion 1: Geelpan, portion 2: Garing) and Bokseputs (portion 1: Stofkloof)
Kamiesberg Magisterial District
Northern Cape Province

The postal address for Vaalputs is:

Private Bag X7
Springbok
Northern Cape Province
0240

The Vaalputs facilities comprise the following:

- Administrative areas (drivers accommodation area, parking area, reception and display area, staff offices, records room, staff kitchen, ablutions and changing rooms, storage area, diesel storage facility, fire station, back-up generator room, pump room, water reservoir, ventilation system, electrical substation and compressor room); and
 - Operational areas (waste reception area, shielded storage area, decontamination area, waste treatment area, ventilation area, laundry, laboratory, change rooms, sealed sources store, low and medium active liquid storage tanks).
- The scope of actions to be undertaken by Vaalputs are:
 - (i). Receipt of Low Level Waste in approved waste packages.
 - (ii). Temporary storage of waste packages in the shielded storage area in the reception hall.

- (iii). Transfer of radioactive material and contaminated equipment to other facilities authorised to receive such material and equipment.
- (iv). Disposal of Low Level Waste packages in near surface trenches.

Please feel free to contact me should you require any further clarification or amplification. Address all correspondence in this regard to the Acting Chief Executive Officer.

Respectfully submitted,



AC Carolissen

Acting Chief Executive Officer: NRWDI

cc: NRWDI records, Vaalputs records

ATTACHMENT 1: PROXY FOR APPLICATION OF NUCLEAR INSTALLATION LICENSE FOR VAALPUTS.

Private Bag X1, Pretoria, 0001
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Republic of South Africa
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E: info@nrwdi.org.za



Dr BM Tyobeka
Chief Executive Officer
National Nuclear Regulator
PO Box 7106
CENTURION
0046

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|------------------------|--|
| Our reference: | NAPP08A-0002 |
| Your reference: | NRWDI-LET-0323 |
| Document no.: | Alan Carolissen |
| Enquiries: | Alan.Carolissen@nrwdi.org.za |
| E-mail: | 012 305 6114 |
| Telephone: | 24 th October 2018 |
| Date: | |

Dear Dr Tyobeka

PROXY FOR APPLICATION OF NUCLEAR INSTALLATION LICENSE FOR THE NATIONAL RADIOACTIVE WASTE DISPOSAL INSTITUTE (NRWDI)

In terms of Section 21 of the National Regulator Act (No. 47 of 1999), the NRWDI Board of Directors herewith proxy the Acting Chief Executive Officer (Mr AC Carolissen) to apply to the National Nuclear Regulator for the Nuclear Installation License for NRWDI to operate the existing Vaalputs National Radioactive Waste Disposal Facility for the disposal of Low Level Waste (LLW).

Respectfully submitted,

Mr T Mofokeng

Chairperson: NRWDI Board of Directors

cc: NRWDI records, Vaalputs records

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

Classification Open

NRWDI-FRM-001, Rev. 11

**ATTACHMENT 2: PROCLAMATION OF EFFECTIVE DATE FOR OPERATIONALISATION OF
THE NATIONAL RADIOACTIVE WASTE DISPOSAL INSTITUTE.**

STAATSKOERANT, 1 DESEMBER 2009

No. 32764 3

PROCLAMATION**No. 83, 2009**

In terms of section **31 of the National Radioactive Waste Disposal Institute, 2008**
(Act No. 53 of 2008), I hereby fix, 01 December 2009 as the date on which the said
Act shall come into operation.

Given under my Hand and the Seal of the Republic of South Africa at Pretoria on this
26th day of November, Two Thousand and Nine.

**PRESIDENT****MINISTER OF THE CABINET**

**ATTACHMENT 3: MEDIUM TERM EXPENDITURE FUNDING (MTEF) ALLOCATIONS
FOR THE FINANCIAL YEARS 2019/20-2022/23 TO DISCHARGE NRWDI'S MANDATE
AS A GOING CONCERN**

DE 10



energy

Department:
Energy
REPUBLIC OF SOUTH AFRICA

Enquiries: N.E Tshabalala
Tel: (012) 406-7731
Fax:

Reference: 4/1/2/1 (2019/20)
Date: 04 February 2019
E-mail: Nonhlahla.tshabalala@energy.gov.za

Mr. Alan Carolissen
Acting Chief Executive Officer
National Radioactive Waste Disposal Institute
Necsa
P.O. Box 582
PRETORIA
0001

Attention: Mr Justin Daniel

**SUBJECT: FINAL ALLOCATIONS FOR THE 2019 MTEF PERIOD AND
PROJECTED MONTHLY DRAWINGS / EXPENDITURE FOR THE 2019/20
FINANCIAL YEAR.**

FINAL ALLOCATIONS

With reference to the Department's previous letter dated the 02 November 2018 regarding the 2018 ENE budget process, please note that the Ministers' Committee on the Budget recommended the following final budget allocation for the National Radioactive Waste Disposal Institute (NRWDI) in line with the fiscal framework that was approved by Cabinet at its meeting of 21 November 2018:

| DETAIL OF TRANSFERS AND SUBSIDIES | 2018/19 | 2019/20 | 2020/21 | 2021/22 |
|---|---------------|---------------|---------------|---------------|
| Recipient | R | R | R | R |
| National Radioactive Waste Disposal Institute (NRWDI) | 45,532 | 47,499 | 49,397 | 51,564 |
| Total | 45,532 | 47,499 | 49,397 | 51,564 |

The baseline figures listed above should be included and reflected as anticipated revenue in NRWDI's 2019/20 schedule of estimated revenue and expenditure (budget) and strategic plan which is submitted to the Minister of Energy in terms of section 52 or 53 of Public Finance Management Act, 1999 (Act 1 of 1999).

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PROJECTED MONTHLY DRAWINGS (EXPENDITURE) – 2019/20

Section 40(4) of the Public Finance Management Act, 1999 (Act 1 of 1999) and Treasury Regulation 15.10.2.1 requires that Departments submit a breakdown of anticipated revenue and expenditure in the format determined by the National Treasury, no later than the last working day of February preceding the financial year to which it relates. The Department receives its funding on a monthly basis from the National Treasury based on the anticipated monthly expenditure. Relatively large payments influence the anticipated monthly expenditure and subsequently the Department's ability to effect payments accordingly.

It is imperative that a proper expenditure / drawing projection is received from the entities receiving grants from the Department to inform the Department's cash withdrawals from the National Revenue Fund. In respect of conditional allocations which require that specific conditions be met before expenditure can proceed, expenditure should occur at the time it is anticipated that the conditions will be met.

The attached template, **annexure B**, must be completed by NRWDI and should reflect the details of anticipated monthly expenditure / drawing per economic classification during the 2019/20 financial year.

Your co-operation in submitting the aforesaid schedule and information to the Department **on or before 12 February 2019** will be appreciated. Please note that anticipated monthly expenditure / drawings should balance with the economic classification and total budget as included in the 2019 Estimates of National Expenditure (ENE).

Kind regards



MS. Y CHETTY
CHIEF FINANCIAL OFFICER
DEPARTMENT OF ENERGY
DATE: 4/2/19

ATTACHMENT 4: SITE BOUNDARIES OF THE VAALPUTS NATIONAL RADIOACTIVE WASTE DISPOSAL FACILITY

