



NATIONAL RADIATION PROTECTION AUTHORITY

*Established pursuant to Section 33 (1) of the Atomic Energy &
Radiation Protection Act, Act No 5 of 2005*

Ministry of Health and
Social Services
P/BAG 13198
Ministerial Building
Harvey Street
Windhoek 9000
Namibia
Tel: +264 (61) 2032417
Fax: + 264 (61) 230424
E-mail: aerpr@mhss.gov.na
Website: aebfnamibia.org

Enquiries: T. Mutwamezi

Ref: 3/6/6/2/2/NIR02/2021

Date: 29 October 2021

D&P Engineers and Environmental Consultants

P.O. Box 8401

Bachbrecht

Windhoek

Attention: Tendai E Kasinganeti

**Subject: Proposed Construction of Base Transceiver Station Towers:
Tamariskia Swakopmund, Ais Ais Resort, Hardap Resort, Mariental
Aimablaagte and Omatando Ongwediva**

Your submissions on the above subject matter refers.

The National Radiation Protection Authority (NRPA), is the competent authority on matters related to radiation protection and safety as mandated by the Atomic Energy and Radiation Protection Authority Act, Act No. 5 of 2005. Our interests are therefore confined to radiological matters only.

We have reviewed your submission and satisfied with proposed measures to prevent unauthorised access by members of public to the installations.

We wish to bring the following to be considered in your impacts assessment:

- i. The potential radiological exposure to workers during the installation and commissioning should be estimated prior to undertaking such activities and appropriate safety measures should be implemented to avoid unnecessary exposure.
- ii. The potential radiological exposure to any members of the public during operation or lifetime of the installation should be estimated, based on the possible maximum output of the installation.

Mission

To provide for the adequate protection of the environment and of people in current future generations against the harmful effects of radiation



NATIONAL RADIATION PROTECTION AUTHORITY

*Established pursuant to Section 33 (1) of the Atomic Energy &
Radiation Protection Act, Act No 5 of 2005*

Ministry of Health and
Social Services
P/BAG 13198
Ministerial Building
Harvey Street
Windhoek 9000
Namibia
Tel: +264 (61) 2032417
Fax: + 264 (61) 230424
E-mail: aerpr@mhss.gov.na
Website: aebofnamibia.org

- iii. The owner of a device or an installation must undertake an evaluation to establish whether exposure to non-ionising radiation exceeds the basic restrictions in respect of an area where members of the public have access and in or at which the reference levels set out in Table 2 of the Annexure of the NIR regulations are exceeded.
- iv. The Authority may require the owner of the device or installation to put in place surveillance mechanism for purposes of measuring, calculating or monitoring of the exposure of members of the public and workers to non-ionising radiation.

In the event that the Clearance Certificate be granted to the proponent, the obligation remains for PowerCom to ensure compliance with all legislative and regulatory requirements, including regulation 4 and 5 of the Non-ionizing Radiation Regulations, Gazette No.7228 of 2020.

I hope the above is in good order.

Yours Sincerely,

Axel Tibinyane

Director



Mission

To provide for the adequate protection of the environment and of people in current future generations against the harmful effects of radiation