

MINUTES

OF THE KOEBERG PUBLIC SAFETY INFORMATION FORUM (KPSIF), HELD ON THURSDAY, 27 JUNE 2024

Venue: Koeberg Visitors Centre (in-person)

Chairperson: Ms Smokie La Grange

Deputy Chairperson: Vacant

RESIDENTS		
Surname and Name	Organisation	Present
Becker, Peter	Koeberg Alert Alliance	A
Beyl, Trudy	Resident	Apology
Browne, Peter	Resident	P (in-person)
De Sousa, George	Resident	P (in-person)
Fuller, Lorna	Resident	P (in-person)
Goss, Clive	Resident	P (online)
Harrison, Douglas	Resident	P (online)
Klaasen, Gabriel	Resident	P (in-person)
La Grange, Duval	Resident	P (online)
Lee, Anne	Resident	A
Lee, Nick	Resident	A
Mayhew, Robert	Resident	Apology
Mayhew, Sylvia	Resident	Apology
Petersen, Lydia	Resident	P (online)
Rowbottom, Meriel	Resident	P (online)
Pannaye, Angelique	Resident	A
Pannaye, Eric	Resident	A
Slabbert, Johan	Resident	A
Viviers, Andre	Resident	P (online)
Vrey, Hilandi	Resident	P (in-person)
Van der Westhuizen, Petrie	Resident	P (online)

OFFICIALS		
Surname and Name	Organisation	Present
Bester, Peter	National Nuclear Regulator	P (in-person)
Beukes, Willem	Necsa	Apology
Cronje, Nardus	Eskom Koeberg	P (in-person)
Dubazana, Sibusiso	DMRE	A
Ellis, Frikkie	Eskom Koeberg	P (in-person)
Featherstone, Keith	Eskom Koeberg	P (in-person)
Flatela, Mvola	Eskom Koeberg	P (in-person)
Jacobs, Phil	Eskom Koeberg	P (in-person)
Jeannes, Deon	Eskom Koeberg	P (online)
Joshua, Debbie	Eskom Koeberg	P (in-person)
Khumalo, Jotham	City of Cape Town - DRM	A
Kline, Kim	Eskom Koeberg	P (online)
La Grange, Smokie	Chairperson	P (in-person)
Leedo, Bettie	City of Cape Town	P (in-person)
Mashele, Bravance	Eskom Koeberg	Apology
Maree, Vanessa	National Nuclear Regulator	P (online)
Minnie, Johan	City of Cape Town	P (online)
Munsami, Nicholas	Eskom Koeberg	P (in-person)
Moonsamy, Gino	National Nuclear Regulator	P (online)
Ntuli, Velaphi	Eskom Koeberg	Apology
Oaker, Bradley	Eskom Koeberg	P (online)
Phidza, Lewis	Eskom Koeberg	P (in-person)
Pienaar, Shaun	Eskom Koeberg	P (in-person)
Silinga, Nangamso	National Nuclear Regulator	A
Stephanus, Aminah	Eskom Koeberg	P (in-person)
Thomas, Mandy	City of Cape Town	P
Valaitham, Mahesh	Eskom Koeberg	Apology
Van Schalkwyk, Tobie	Eskom Koeberg	P (in-person)
Venter, Emuel	Eskom Koeberg	P (in-person)

ABBREVIATION / DEFINITION LIST

Abbreviation	Description	Abbreviation	Description
Accident	An unintended event, including operating errors, equipment failures or other mishaps.	Disaster Management	A continuous and integrated multi-sectorial, multi-disciplinary process of planning and implementation of measures aimed at: a) Preventing or reducing the risk of disaster b) Limiting the severity or consequences of disasters c) Emergency preparedness d) Responding rapidly and effectively to disaster; and e) Post-disaster recovery and rehabilitation
AFI	Area for Improvement – usually the outcome of a benchmarking exercise, which enables the identification of successful practices/strategies implemented by other organisations in the same or similar industry,	GCE	Group Chief Executive
Boron	A very hard, almost colourless crystalline metalloid element that in impure form exists as a brown amorphous powder. It occurs principally in borax and is used in hardening steel. The naturally occurring isotope boron-10 is used in nuclear control rods and neutron detection instruments.	ECC	Emergency Control Centre
EPSOC	Emergency Planning Steering and Oversight Committee	CIA	Central Intelligence Agency
EPC	Emergency Planning Committee	KNEP	Koeberg Nuclear Emergency Plan
Donax	A genus of small, edible saltwater clams, marine bivalve molluscs. The genus is sometimes known as bean clams or wedge shells or white mussels; Donax species have numerous different common names in different parts of the world.	CISF	Centralised Interim Storage Facility
CISF	Centralised Interim Storage Facility	SPF	Spent Fuel Pool
CSB	Cask Storage Building	TEM	Traffic Evacuation Model
DOC	Disaster Operations Centre	Evacuation	The rapid, temporary removal of people from the area to avoid or reduce short-term radiation exposure in the event of an emergency.
ECC	Emergency Control Centre	UAE	United Arab Emirates
EIA	Environmental Impact Assessment	INPO	Institute of Nuclear Power Operations
Emergency Plan	A document describing the organisational structures, its roles and responsibilities, concept of operation, means and principles for intervention during an emergency at Koeberg.	UPZ	Urgent Protective Action Zone
EPZ	Emergency Planning Zone	EPSOC	Emergency Planning Steering and Oversight Committee
FC	Functional Coordinator	CPA	Consumer Protection Act

IPP	Independent Power Producer	KEP	Koeberg Emergency Procedure
		mSv	The millisievert (mSv) is a measure of the absorption of ionising radiation by the human body.
ISO	International Standards Organisation	CCT	City of Cape Town
KNPS	Koeberg Nuclear Power Station	IAEA	International Atomic Energy Agency
NOU	Nuclear Operating Unit	SABC	South African Broadcasting Corporation
SGR	Steam Generator Replacement	TISF	Transient Interim Storage Facility
KPSIF	Koeberg Public Safety Information Forum	WANO	World Association of Nuclear Operators
LTI	Lost Time Injury	Emergency	An event that requires taking prompt action, or the special regulation of persons or property, to limit the risk to people's health, safety or welfare, or to limit damage to property or the environment.
LTO	Long Term Operation		
MW	Megawatts. A unit of measure - one megawatt is equal to one million watts.	CCGT	Closed Cycle Gas Turbines
NECSA	South African Nuclear Energy Corporation SOC Limited	DOC	Disaster Operations Centre
NNR	National Nuclear Regulator	NOSCAR	The grading of NOSA for safety performance.
NOSA	National Occupational Safety Association	Radiation	Energy released in the form of particles or electromagnetic waves during the breakdown of radioactive atoms.
NSRB	Nuclear Safety Review Board	NRWDI	National Radiation Waste Disposal Institute
OCA	Owner Controlled Area	AECC	Alternate Emergency Control Centre
OEM	Original Equipment Manufacturer	FME	Foreign Material Exclusion
Outage	Refers to the maintenance period on a power plant when a number of activities are performed on equipment that keeps the plant running.	National Electricity Grid	The network of high-voltage power lines fed by the various power stations, which supplies electricity to the country.
PAZ	Precautionary Action Zone	EP	Emergency Plan
PSM	Power Station Manager	Sheltering	A protective action whereby members of the public stay indoors with windows and doors closed, to reduce their exposure to radioactive material in an emergency situation.
Public Notification	Notification to the public of an emergency and the appropriate protective actions to be taken by using the installed siren and loudspeaker system, as well as local authorities, local radio and television station.	EMP	Environmental Management Plan
Release	The controlled or accidental discharge of radioactive substances into the environment.	UPZ	Urgent Protective Action Planning Zone
SAPS	South African Police Service	KCWIB	Koeberg Cooling Water Intake Basin
SHEQ	Safety Health Environment and Quality	WAC	Waste Acceptance Criteria
SSA	Sea Shore Act	SAMG	Severe Accident Management Guideline
TEM	Traffic Evacuation Model	NERSA	National Energy Regulator of South Africa

1. WELCOME AND OPENING

Mr Phidza welcomed the attendees to the Koeberg Public Safety Information Forum (KPSIF). He informed the members that the new KPSIF Chairperson will be announced in the meeting by the NNR whereafter the new chairperson will run the meeting further.

2. SAFETY BRIEFING

The safety briefing was conducted by Pauline Steenkamp who emphasised the different types of alarms, the emergency exit points, and the assembly points. She appealed to the members to adhere to instructions in the event of an emergency.

3. ANNOUNCEMENT OF KPSIF CHAIRPERSON AND DEPUTY CHAIRPERSON

Mr Gino Moonsamy, Communication and Stakeholder Manager for the National Nuclear Regulator (NNR), informed the members that two nominations were received from the public for the position of KPSIF Chairperson, namely, Ms Lydia Petersen and Ms Sharon-May La Grange (Smokie La Grange). These nominations were submitted and reviewed by the NNR Board of Directors, and the decision made by the NNR Board was to appoint Ms La Grange as the new PSIF Chairperson, for the two-year term of office from 1 May 2024 until 1 May 2026. Mr Moonsamy explained that the Board considered various criteria to inform their decision, this being amongst others that the administrative requirements pertaining to the submissions were met by the candidates, that the person selected resides within the relevant municipal area as outlined in the KPSIF Constitution and that the nominees have experience working in the community and have attended one or two Koeberg PSIF meetings. He reiterated that the meetings are not run by the NNR that it's a public meeting for which Koeberg fulfills the role of secretariat and the constitution which is developed and approved by the KPSIF members forms the Terms of Reference which members have to abide by. He welcomed Smokie La Grange (Sharon-May La Grange) as the new Koeberg Public Safety Information Chairperson and officially handed over the meeting to officiate, as the new chairperson.

4. APOLOGIES

The following apologies were tendered:

Mr Velaphi Ntuli, Mr Mahesh Valaitham, Ms Bravance Mashele, Mr and Mrs Mayhew, Mr Willem Beukes (Necsa), Ms Trudy Beyl and Ms Anne Lee

Ms La Grange explained that the meeting is run as a hybrid (both online and in-person) hence questions or comments will be fielded from both from the floor and from those online (three question per platform).

5. APPROVAL OF THE MINUTES (30 November 2023 and 14 March 2024)

The Chairperson approved the 30 November 2023 Minutes which was resent to the members who requested more time to review the Minutes, as no corrections or amendments were tendered by the members as was requested, Mr Peter Browne seconded the approval of the November Minutes.

Ms Lorna Fuller, referred to the crack in the containment dome being tabled in the March Minutes as 110mm long, she queried whether it should not be 110m (see page 9 item b). Mr Venter the subject matter expert confirmed that it is 110m long and not 110mm as tabled in the Minutes.

The 14 March 2024 Minutes were approved with the change by Ms La Grange and seconded by Mr Browne.

6. MATTERS ARISING FROM PREVIOUS MINUTES

6.1 Reopening of the Koeberg Nature Reserve

Mr Featherstone informed the members that due to operational reasons the Koeberg Nature Reserve remains closed.

6.2 Clarification of the formal Emergency Planning Zone

Mr Bester clarified that the Formal Emergency Planning Zone (EPZ) is defined in NNR documents and regulations that that have been previously published for public comment as the area where relevant disaster management infrastructure is established to ensure the implementation of urgent protective actions.

Question by Mr Klaasen

Mr Klaasen enquired whether the KPSIF Constitution can be reviewed and suggestions for amendments and additions can be considered for incorporation into the current constitution.

Response by Mr Moonsamy

Mr Moonsamy informed Mr Klaasen that the constitution is a living document and therefore can be amended by members of the public, the secretariat and the chairperson. In a bid towards continuous improvement and therefore encouraged by the NNR.

Comment by Mr Phidza

Mr Phidza informed Mr Klaasen that he will have to present his proposed amendments in the September meeting, and it needs to be accepted by the fellow KPSIF member before it is adopted as part of the constitution.

Comment by Ms Petersen

Ms Petersen expressed her dissatisfaction in being barred from the 14 March 2024 KPSIF by the secretariat of the forum. Ms Petersen explained that she engaged the secretary the day before the meeting and was informed that she needs to submit proof of address. She enquired from the secretary that whether the residential proof means that she is not a member of the forum and why it was required, to which she has not received a response up to date. She further explained that Mr Peter Bester of the NNR announced at a public meeting in December 2023 (in Athlone), that the PSIF is for everyone, and no one can be barred from it as everyone is welcome (she indicated that she has visuals of it. She also added that it was discussed in the meeting this evening, that the PSIF is a public meeting mandated and run by the public. She enquired as to the reason why she was barred from the March KPSIF meeting with no response from Koeberg as to why her proof of address was required.

Response by Mr Phidza

Mr Phidza apologised to Ms Petersen on behalf of Eskom, for her being barred from the KPSIF as he wasn't aware of it. He assured Ms Petersen that the PSIF meeting is

open to all South Africans. He informed Ms Petersen that all formal communication from Koeberg will be communicated via himself or Debbie Joshua. He explained that the proof of address is part of the registration requirements which serves as indication of those who live within the 0-16km zone and those residents who live outside of it. He explained that it is an administrative requirement and not a requirement for PSIF attendance.

Comment by Ms Petersen

Ms Petersen indicated that she remains unconvinced as to the reason provided by Mr Phidza as to why proof of address was requested. She explained that she was informed by Ms Kim Kline, who was the handling the KPSIF attendance and logistics for the meeting, that as she was instructed, proof of address was required by all those who were to attend the Forum. Ms Petersen further explained that she received confirmation via a letter that she is a member and no longer a friend of the KPSIF therefore Mr Phidza's response to her question made no sense to her.

7. PRESENTATIONS

7.1 Potassium Iodate pre-distribution strategy

Ms Bettie Leedo, Programme Manager, Environmental Health for the City of Cape Town conducted a presentation on the Potassium Iodate pre-distribution strategy.

Emphasis was made to the following:

- Potassium iodate tablets is a form of stable iodine which, if taken in a timely manner will prevent or reduce the uptake of radioactive iodine by the thyroid gland.
- The Director: City Health, has the responsibility for controlling and administering potassium iodate tablets in case of an emergency.
- Sufficient doses for the City of Cape Town are stored in pre-determined, strategic locations in and around the 0-16km zones of Koeberg, to be issued at roadblocks (locations not disclosed for security reasons) during an emergency at Koeberg.
- Tablet stocks are checked monthly by the City of Cape Town and randomly by Eskom and the NNR.
- Expired tablets are disposed of as per HCRW (Healthcare Risk Waste Management) regulations.

- Iodine tablets only provide protection against radioactive iodine and not other radioactive substances.

Guiding principles:

- Workgroup established to look at potassium iodate pre-distribution strategy to minimise community anxiety.
- Communication plan to accompany pre-distribution.
- Frequently Asked Questions to be developed and accompany the package of tablets and posted on all local websites and made available to all relevant forums to be dealt with by the Communication Workgroup.
- Phased approach to be followed – 0-5km and then 5-10km.
- International benchmarking done of how pre-distribution had been done in other countries -for South African feasibility and context.
- Census data utilised considering household size, age group, education level, language groups amongst others
- Considered likely concentration of risk age groups

Focus areas:

- Needs to be cost-effective;
- Impact on residents;
- Labelling and packaging for individual households;
- Tool developed to track those who received;
- Technical input around frequently asked questions;
- Engagement with health facilities;
- Vulnerable communities – mobile clinics;
- Involvement of Ward Counsellors;
- Moving tablets from secure locations to households

Question by Mr Klaasen

Mr Klaasen enquired what would happen if the approval process occurred faster than the expiry date.

Response by Ms Leedo

Ms Leedo explained that it forms part of their agreement with Eskom. Ms Leedo explained that Eskom via the tender system, obtain a medicine manufacturing company to manufacture more tablets. She also explained that this is only a fraction of the tablets and not all. Ms Leedo explained that the challenge remains with the pre-distribution in moving the tablets from the various secure and strategic locations into individual homes.

Comment by Mr Klaasen

Mr Klaasen suggested that in the future the process be approved before the tablets are purchased.

Response by Ms Leedo

Ms Leedo explained that even if the process is not approved, the tablets need to be obtained as it is an Evacuation Plan requirement. She further explained that it is only pertains to a small fraction of the tablets and not all the tablets.

Comment by Ms Petersen

Ms Petersen commented on the City of Cape Town presentation that contained several ifs and the phrase, “in the unlikely event” which are commonly used even in discussions and presentations by Eskom and the City, even though nothing is unlikely. She cautioned Eskom and the City to be mindful when using these phrases and words and consider rephrasing them, so that the public knows that the safety of Koeberg is taken seriously. She enquired when civil society/members of the public will be invited to participate in the emergency evacuation exercises as the purpose of these exercises is to assure the public that Koeberg and the City’s house are in order. She stated that she has enquired and sent emails pertaining to the public involvement in exercises and has not received any response to date. She also referred to non-compliances emanating from the previous NNR Exercise, approximately two years ago, they are still awaiting feedback on from the City of Cape Town as to whether these non-compliances have been addressed.

Response by Ms Leedo

Ms Leedo confirmed that the new stock of potassium iodate tablets has been paid by Eskom and were delivered to the various strategic locations.

Response by Ms Thomas

Ms Thomas explained that since the 2022 NNR exercise, the City of Cape Town have conducted three thematic exercises and participated in a Koeberg station exercise to work. She explained that is the prerogative of the NNR to invite observers to participate in the NNR exercises.

Question by Mr Harrison

Mr Harrison enquired about the risk of radioactive iodine exposure from the spent fuel rods stored on site at Koeberg in casks, versus the risk of exposure expected from an accident. He explained that the potassium iodate tablets that is will be handed out during accidents might be reactive, but that the spent fuel stored at Koeberg might be a larger source of radioactive iodine, even if encapsulated.

Response by Ms Leedo

Explained that the Evacuation Plan considers exposure to airborne radioactive material.

Response by Mr (Nardus) Cronje

Mr Cronje explained that the risk posed by radioactive iodine in the spent fuel is minimal as the greatest risk comes from the reactor. He explained that from a radioactive iodine point of view and from a risk point of view they plan for is for a fuel-melt accident from the reactor itself. Risk posed by the casks are very low due to the fact in that it has had a long time to decay.

Comment by Mr Harrison

Mr Harrison asked if in the next meeting the amount of radioactive iodine contained in the casks could be shared and the risk it poses.

Question by Ms Petersen

Ms Petersen posted a comment in the chat box which she addressed to the City of Cape Town. She commented that the emergency exercise drills as mentioned by the City earlier are different exercises. She referred to the emergency exercise drill arranged by the City, which was held in Edgemead, was not arranged by the NNR, according to Mr Moonsamy. She questioned why the public/civil society was not kept

abreast of these exercises as it is in their interest to be kept informed. She also enquired whether a report will be made available to the public pertaining to these exercises also whether there is a report available where the City of Cape Town's non-compliances are addressed.

Response by Mr Minnie

Mr Minnie responded that everything done by City of Cape Town Disaster Risk Management is in the interest of the public. He explained that the exercise held in Edgemead was an internal exercise therefore no invitations were issued to the public or observers invited as it was focused on their own internal issues. Mr Minnie indicated that they did issue a media release about the exercise that happened but will not issue a public report as their focus was on addressing issues identified during the internal exercise.

Comment by Mr Goss (in the chatbox)

Mr Goss commented that the City of Cape Town don't care about the homeless in terms of distributing Potassium Iodate tablets to them.

Response by Ms Leedo

Ms Leedo explained that as per the Emergency Evacuation plan the various members of the City Health team will be deployed to various points in communities which includes informal settlements as people are evacuated out of the area. She added that busses will be brought into the area to assist in the transportation of people. Metro Police will also do a sweep of the area. She highlighted that that pre-distribution of Potassium Iodate is over and above the provision of these tablets to already pre-identified strategic locations.

7.2 Koeberg Quarterly Feedback

Mr van Schalkwyk conducted a presentation on the Koeberg quarterly feedback.

Radiological Safety:

- Less than 1% of NNR public dose constraint of 0.25 mSv
- Stable performance well below legal limit
- Radioactive discharges less than 20% of limits
- No uncontrolled or unplanned radioactive discharges

a. Koeberg unit status update:

Koeberg Unit 1 - Plant Status (as at 24 June 2024):

- Synchronisation: 18 November 2023
- Days on-line: 219 Days
- Reactor Power: 100%Pn
- Megawatts: Generated: 976 MWe; Sent-out: 936 MWe

Unit 1 Post SGR Implementation Activities

SGR Commissioning Tests and House Load Test

- All load transient tests were successfully completed between end-Nov and mid-Dec 2023
- Successfully completed on 30 December 2023
- Unit 1 returned to 100% Power on 31 December 2023

Koeberg Unit 2 – Plant Status:

- Currently in Outage 226
- Outage Day 197 (as at 24 June 2024)
- Current Plant State: Domain RCD (Reactor Completely Defueled)
- Nuclear Safety: No significant Nuclear Safety related events.
- Industrial Safety: one (1) loss time injuries (LTI).

- Major Scope: Steam Generator Replacement (SGR); Maintenance on plant structures, systems and components (SSCs); Long-Term Operation (LTO) activities
- High level status: Safely removed and stored the Original Steam Generators in the storage facility
 - o Completed maintenance on Essential Cooling Water (SEC/RRI) system Train A and electrical systems
 - o Maintenance on Primary and Secondary Systems is in progress

Concluding remarks:

- Koeberg Nuclear Power Station continues to operate safely and reliably
- The recent external reviews indicated that Koeberg's nuclear safety culture is healthy

Koeberg priority focus areas:

- o Outage 226 execution
- o Well-being of staff and contractors
- o Preparation for long term operation

Questions raised from the presentation:

Question by Ms Petersen

Ms Petersen asked where the old steam generators were stored

Response by Mr Van Schalkwyk

Mr van Schalkwyk explained the old steam generators were stored in a facility on site which was designed and built for this purpose and all six steam generators are currently stored at the facility.

Question by Ms Petersen

Ms Petersen enquired whether the facility forms part of the dry cask storage area.

Response by Mr Van Schalkwyk

Mr Schalkwyk informed her that it is in the same area as the dry cask storage area.

Question by Ms Petersen

Ms Petersen explained that there are talks that the spent fuel at Koeberg is being shipped off to Vaalputs, in the Northern Cape. She further explained that a question was posed at one of the public hearings, as to why the spent fuel was not kept at Koeberg, Eskom's response was that there are plans for a Temporary Interim Storage Facility (TISF) at Koeberg, and that the application for the TISF is in process and being considered, as was quoted by Mr Keith Featherstone in an interview with The Mail and Guardian.

Response by Mr Van Schalkwyk

Mr Van Schalkwyk confirmed that none of Koeberg's spent fuel is not being shipped to Vaalputs, as it has not been licensed for the storage of spent fuel. He also confirmed that no facility has been built at Vaalputs to accommodate the spent fuel.

Question by Ms Petersen

Ms Petersen enquired whether there is a license application for a TSIF at Koeberg for the remainder of the spent fuel which will be going into dry storage.

Response by Mr Featherstone

Mr Featherstone explained that he has been misquoted in the media, as it was not what he had stated. He explained that a while ago an Environmental Impact Assessment (EIA) has been done for a TISF to store the fuel on site in dry storage. He further explained that the EIA was amended to include the building of a temporary storage facility for the steam generators whilst awaiting the approval of the disposal process of the steam generators to Vaalputs Waste Disposal Facility. The EIA amendment was approved. They applied for a license from the NNR, NIL 044 which was issued, and which will be published on the NNR website. He further explained that the license (NIL 044) has enabled them to build two facilities at Koeberg in which to store the steam generators.

Comment from Mr Moonsamy

Mr Moonsamy commented that if Ms Petersen requires further clarification the NNR is more than willing to provide the necessary clarification.

7.2.1 Long Term Operation (update) – Mr Bradley Oaker

Mr Oaker (Eskom KNPS) conducted a presentation on the Koeberg Long Term Operation of Koeberg. See summary below:

Koeberg safety upgrades and modernisation

- Koeberg has implemented modifications and upgrades to ensure continued safety and reliability.
- The safety improvements address Three Mile Island and Fukushima lessons learned.
- The safety improvements have reduced the risk to levels that would normally only be achieved by new, modern nuclear power plants.
- Koeberg has implemented modifications and upgrades to ensure continued safety and reliability.
- The risk of damage to the nuclear fuel in the reactor from a nuclear accident at Koeberg improved over time as safety improvements were implemented as indicated by the reduction in core damage frequency.
- The core damage frequency is the likelihood that an accident can cause the nuclear fuel in the reactor to be damaged and is now less than $1\text{E-}5$ (1×10^{-5} per annum) for Koeberg.

IAEA SALTO final report status

- The SALTO Ageing Management Assessment final report documents the safety assessment of the ageing management aspects performed at KNPS to achieve the regulatory ageing management requirements and provides assurance for safe LTO.
- The assessment demonstrated that effective ageing management practices and processes exist at KNPS to prevent the adverse effects of ageing from affecting the reliability of the plant equipment during the period of LTO.
- The assessment results and recommendations have been reviewed, verified, and actioned to meet the regulatory expectations and assure safe operation into LTO.
- The ageing management assessment commitments are listed in the LTO safety case. All the actions raised through the SALTO project, as required by RG-0027 [8] for completion prior to LTO, are complete.

- All recommendations and suggestions from the SALTO mission were actioned and prioritised to ensure completion before LTO.

Concluding remarks

- All LTO safety case license submissions, scheduled for completion before the LTO date (21 July 2024) are complete and were submitted to the NNR.
- The safety assessments conducted by KNPS that have culminated in 331-618, 'Safety Case for Long-Term Operation of Koeberg Nuclear Power Station', demonstrate that Koeberg meets the requirements for LTO and is ready for a favourable decision on the license application.

Questions raised from the presentation:**Question by Mr Klaasen**

Mr Klaasen sought clarity with regards the proper guidelines and processes that should be followed as stipulated by the International Atomic Energy Agency (IAEA) in accordance with the LTO application. He enquired whether this LTO not be delayed until the review has been done by the IAEA to ensure that proper guidelines/requirements have been followed.

Response by Mr Oaker

Mr Oaker explained that the purpose of the IAEA is not to serve the function of the regulator, and that the visit by the IAEA is not to check whether all the LTO requirements have been met. He explained that from a SALTO support point of view, internationally, the review is often done after the unit has entered LTO, with the purpose to assess how things are progressing. The purpose of the SALTO review is to assess progress on the issues raised and what needs to be executed during LTO.

Question by Mr Klaasen

Mr Klaasen sought clarity on the role and function of the IAEA in the LTO process and whether they are just an oversight body with no power, who has to make their findings known to the NNR for further action or decision-making.

Response by Mr Oaker

Mr Oaker explained that the IAEA does not operate on a power station level but on a governmental level. So, any concerns they have about Koeberg that they are not happy with, they will discuss with the president, which can have an impact on nuclear globally.

Question by Mr Harrison

Mr Harrison clarified the unconfirmed seismic event in the Blaawberg area and whether it was picked up on Koeberg's equipment.

Response by Mr Venter

Mr Venter explained that no measurements were detected on their equipment.

Comment by Ms Petersen (in the chatbox)

Ms Petersen commented that Eskom states that they are following international best practice. She stated that the IAEA came to do a safety peer review at Eskom's invitation and with Koeberg's license expiring in July and with the IAEA visiting Koeberg in October, whether the intention is not for Eskom to showcase what's been done at Koeberg, especially since the IAEA found the safety concerns in the first place.

Comment by the chairperson

Ms La Grange responded to Ms Rowbottom's question in the chatbox about keeping the public informed about nuclear. The chairperson explained that information pertaining to Koeberg's Emergency Plan is contained in the annual Koeberg Emergency Plan Calendar which is also available in electronic format. She can enquire from the chairperson or the Visitors Centre or any member of the Stakeholder Management Team if she requires a copy of the Calendar.

8. GENERAL**NNR Public hearings****Question by Mr Harrison**

Mr Harrison enquired whether feedback as to the outcome of the NNR public hearings can be provided at a future PSIF.

Response by Mr Moonsamy

Mr Moonsamy explained that currently submission is being made to the NNR Board of Directors, and that feedback on the outcomes of the process should be available by the end of July 2024, whereafter a public announcement will be made by the NNR. He explained that by the next KPSIF (September PSIF) certain details may be shared.

Comment by Mr Klaasen

Mr Klaasen asked for a slot on the September KPSIF Agenda to present his proposed amendments to the KPSIF constitution. He committed to sending the amendments to the KPSIF members before the next meeting for adoption by the members.

Comment by Mr Phidza

Mr Phidza informed Mr Klaasen in order to ensure inclusion of his Agenda topic he needs to send his proposed amendments to the members before the next KPSIF.

Comment by Mr Moonsamy

Mr Moonsamy informed the members that the Deputy Chairperson position will be readvertised by the NNR towards the end July early August 2024. The invitation for nominations will also be sent to the secretariat of the KPSIF, to be forwarded to the members – depending on the progress, the NNR will provide a status update in the next meeting.

8. DATE OF THE NEXT KPSIF

The next Public Safety Information Forum is scheduled to take place on *Thursday, 26 September 2024*, at *Koeberg Nuclear Power Station (Visitors Centre)*. It will be a hybrid PSIF.

10. AGENDA ITEMS FOR THE NEXT KPSIF

The following items were proposed for the upcoming KPSIF meeting:

- Koeberg Quarterly Feedback (Eskom)
- Feedback by the NNR on the outcomes of the NNR public hearings
- Presentation on the proposed KPSIF Constitution amendments by Mr Klaasen
- KPSIF Deputy Chair status update by the NNR
- The role of fire services in the Koeberg Emergency Plan - presentation by the City of Cape Town Fire Chief

11. CLOSING

The Chairperson thanked the attendees for their contribution and adjourned the meeting at 21:00.