

Koeberg Public Safety Information Forum (PSIF)

Minutes of the meeting held on Thursday, 30 September 2021

Venue: MS Teams (virtual Platform)

Chairperson: Mrs Smokie La Grange

Deputy Chairperson: Mr Cyril Mack (newly appointed)

Name and Surname	Organisation	Present
Adonis, Natasha	Resident	A
Anderson, Mellville	Resident	Apologies
Browne, Peter	Resident	Apologies
Beyl, Trudy	Resident	Apologies
Becker, Peter	Koeberg Alert Alliance	P
Black, David	Resident	A
Black, Michele	Resident	P
Browne, Peter	Resident	Apologies
Goss, Clive	Resident	P
Goss, Marga	Resident	Apologies
Graaf, Michael	Resident	A
Harrison, Douglas	Resident	P
Iosiphakis, John	Resident	P
Jones, John and Anneke	Resident	A
Ketcher, A	Resident	A
Kiehm, Elke	Resident	A
Kruger, Charmaine	Resident	A
Kruger, Willem	Resident	A
Lee, Nick and Anne	Resident	Apologies
Lingard, David	Resident	A
Mayhew, Robert	Resident	Apologies
Mayhew, Sylvia	Resident	Apologies
Maigrot, Cynthia	Resident	A
Maigrot, Harold	Resident	A
Meyer, Carola	Resident	A
Moses, Bramwell	Resident	A
Nagan, Roy	Resident	A
Naylor, Paul	Resident	P
Pannaye, Angelique	Resident	A
Pannaye, Eric	Resident	A
Petersen, Lydia	Resident	P
Scott, Peter	Resident	Apologies
Snyders, Edward	Resident	A
Stockhowe, Rita	Resident	A
Taylor, Roberta	Resident	A
Visser, Ella	Resident	A
Van der merwe, Marinda	Resident	P

OFFICIALS		
Bakardien, Riedewaan	Chief Nuclear Officer – Eskom	P
Bester, Peter	National Nuclear Regulator	P
Booyesen, Thomas	Eskom Koeberg	A
Bruiners, Roger	National Nuclear Regulator	P
Cronje, Nardus	Eskom Koeberg	P
Ditlhake, Kentse	Eskom Koeberg	A
Douglas, Mehl	National Nuclear Regulator	A
Featherstone, Keith	Eskom Koeberg	P
Franco, Johannes	City of Cape Town	P
Grose, Nora	Councillor – Ward 23	Apologies
Jeannes, Deon	Eskom Koeberg	Apologies
Joshua, Debbie	Eskom Koeberg	P
Kunene, Ntaoleng	National Radiation Waste Disposal Institute	A
La Grange Smokie	PSIF Chairperson	P
Lenders, Ricky	City of Cape Town – Disaster Risk Management	P
Le Roux, Jurina	Eskom Koeberg	P
Malale Ditsietsi	Eskom Koeberg	A
Mashele, Bravance	Eskom Koeberg	P
Maree, Marc	Eskom Koeberg	P
Maree, Vanessa	National Nuclear Regulator	P
Matlala, Obakeng	Department of Mineral Resources and Energy	A
Minnie, Johan	City of Cape Town	P
Mnyanda Xolisa	Eskom Koeberg	P
Moonsamy, Gino	National Nuclear Regulator	P
Moralie, Granville	Eskom Koeberg	A
Ncuru, Anele	Eskom Koeberg	P
Ndomondo, Thembi	National Nuclear Regulator	A
Phidza, Lewis	Eskom Koeberg	P
Powell, Charlotte	City of Cape Town	P
Silinga, Nangamso	National Nuclear Regulator	P
Thomas, Mandy	City of Cape Town	P
Tshepe, Tshakane	Department of Mineral Resources and Energy	A
Twala, Vusi	National Radiation Waste Disposal Institute	A
Van Rensburg, Stephen	City of Cape Town	P
Valaitham, Mahesh	Eskom Koeberg	Apologies

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: <ul style="list-style-type: none"> 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
CIA	Central Intelligence Agency	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.
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
UAG	Unplanned Automatic Grid Separation	Hazmat	Hazardous material

1. Welcome

The Chairperson, Ms Smokie La Grange, welcomed the Public Safety Information Forum (PSIF) attendees to the September 2021 Koeberg Public Safety Information virtual meeting held on MS Teams. She also confirmed that there was a quorum present as per the Code of Conduct which prescribes that the Chair and four members of the public constitutes a quorum.

2. Safety briefing

Mr Phidza highlighted the fact that everyone should ensure that they are safe where they are, adhere to COVID-19 protocols and that they are able to evacuate in case of an emergency.

3. MS Teams Protocol and PSIF Code of Conduct

The Chairperson shared the MS Teams protocol and PSIF Code of Conduct with the members and explained to them how to raise their hands on MS Teams and add their comments or questions in the chat box as it is a virtual platform and a first for many.

4. Apologies

The following apologies were tendered

- Cllr Nora Grose
- Marga Goss
- Mr Mahesh Valaitham
- Mr Peter Browne
- Mr Melville Anderson
- Ms Trudy Beyl
- Mr Peter Scott
- Mr and Mrs Mayhew
- Mr Nick and Mrs Anne Lee

5. Acceptance of the Minutes of the previous meeting of 30 September 2021

The Minutes of the previous meeting were approved by Mr Douglas Harrison and seconded by Mrs Smokie La Grange.

6. Matters arising from the previous meeting

Question by Mr Goss

Mr Goss raised the issue of the Emergency Plan Calendar for 2022 and enquired whether members will receive it on time this year as it contains crucial information pertaining to the Emergency Plan.

Response by Mr Phidza

Mr Phidza confirmed that the 2022 Emergency Plan Calendar will be distributed to residents in the 16km radius before the festive season and that schools will receive it in January 2022, when they reopen.

Question by Mr Naylor

Mr Naylor clarified whether actions that come up in the matters arising, will be carried over onto a action item list which will form part of the Minutes of the Meeting so it can be tracked and only the status discussed in the meeting.

Response by Mr Phidza

Mr Phidza agreed to it being part of the Minutes as an Action item list and that it will be tracked from the November 2021 meeting.

7.1 Koeberg Nuclear Power Station quarterly feedback: Mr Riedewaan Bakardien – Chief Nuclear Officer**Question by Mr Goss**

Mr Goss enquired what prevents the building of Koeberg 2, 3, 4 etc. and then shutting down, as the Koeberg site is perfect.

Response by Mr Bakardien

Mr Bakardien informed the member that a nuclear project of this nature is a huge undertaking for the country and there are several things that must be put in place first, amongst others, obtaining regulatory approval to utilise the site and thereafter to construct the power station on the site, as well as the Environmental Authorisation, before a site can be selected. He confirmed that the Duynefontein site was selected by the Department of Environmental, Forestry and Fisheries (DFFE) as the preferred site for a nuclear power plant. The key issue is the financial implication and impact, as nuclear costs are quite high especially pertaining to constructions cost – operational costs are reasonably low. Is stated that it is important to ensure that there is a funding model in place for the project.

Comment by Mr Goss

Mr Goss thanked Mr Bakardien for the clear direction into future. He suggested that creative crowd funding would work better than what one would expect. He stated that South Africans, would probably go for a share type of fund raising for such a proposed project. He asked for it to be taken forward to the decisionmakers.

Question by Ms McDaid

Ms McDaid posed three questions; the first question was whether she could obtain a copy of the presentation. Her second question related to the faulty relay that caused the trip and enquired what went wrong. She also enquired whether the Steam Generators needed to be replaced as a necessary measure to keep the plant going until 2024 or whether the current Steam Generators are deteriorating and need to be replaced to extend the life of Koeberg.

Response by Mr Riedewaan

Mr Bakardien informed Ms McDaid that Mr Phidza will be in touch with her regarding access to the presentation. H explained that the purpose of the relay on the breaker is to pick up overcurrent protection and to ensure the pump remains safe. It failed and as a result led to the trip. He further explained that having looked at the history of this relay it's the first time that they've experienced a failure on it and that the engineers are currently busy with an investigation to determine the root cause for the failure. Since it's the first of its kind and having looked at the performance of these relays and having studied their life expectancy it is designed for a 60-year life. Typically, there are two relays on the plant and it requires both to fail to cause a trip – in this case it just needed one

failure to cause the trip. The investigation is still underway to determine the technical cause for the failure of the relay and they are awaiting the outcome of the forensic report and the detailed assessment from the supplier, they are also looking at putting measures in place to prevent having a repeat of this incident.

With regards to the question about the steam generators, Mr Bakardien explained that they need to replace the steam generators prior to 60 years of operation and that the current studies for life extension assume the replacement of the steam generators. They are currently managing with the current steam generators, but it requires a lot of additional maintenance and longer outages, whereas it becomes easier managing the power station with the new steam generators as it allows for an increased availability of the plant.

Request from Ms McDaid

Ms McDaid requested that they have a report back on the outcome of the investigation on the faulty relay in the next PSIF.

Question by Mr Becker

Mr Becker's question was about the trip that occurred during the outage, he referred to the presentation where Mr Bakardien stated that Eskom announced it. He stated that the media statement was dated Wednesday, 1 September 2021 and the trip occurred on Monday, 30 August 2021 and enquired why it was kept from the public. He believed that the statement was only issued when journalists enquired about it as the information was leaked through Bloomberg. He wanted to know why the public or the PSIF members were not informed but had to wait for a journalist to ask the questions. He enquired whether there was a policy in place that stipulates that Eskom must proactively inform the public or the PSIF members when an incident occurs.

Response by Mr Bakardien

Mr Bakardien explained that the Koeberg Unit 1 trip was discussed at the Eskom Annual Results press conference on Tuesday, 31 August 2021 although it was not out in print yet. He said that there was very little to report at that stage as they were awaiting more information. He explained that as Koeberg they do proactively communicate with the public and the members of the PSIF.

Response by Mr Phidza

Mr Phidza explained that it's Eskom policy to be as transparent as possible and to communicate effectively and as early as possible. He said that often incidents take place in the early hours of the morning and information about the incident still needs to be gathered and collated to get understanding and more details about the incident, before it can be effectively communicated to the public, which might lead to a time delay. He informed the members when the incident happened there was a press conference conducted at the Eskom head office at Megawatt Park where it was announced before the statement was sent to the media. He explained that the biggest challenge is understanding what has happened and putting the statement together especially since it is a highly technical environment. He explained that sometimes the journalists are already running with the story before Eskom can finalise its own investigations and release the statement based on the facts.

Comment by Mr Naylor

Mr Naylor mentioned that this has been an ongoing concern of his, which he raised in several PSIF meetings. He stated that he has noticed an improvement in the communication (of media-related messages) and reiterated that the PSIF members should be getting the information prior to reading about it in the media.

Comment by Mr Becker

Mr Becker stated that there's a big difference between informing the public as to what has happened and releasing the final statement after an investigation, which can take days to weeks. He asked whether there is a policy in place that states that information should be shared with the public immediately when an incident occurs, whilst the investigating is underway. If talking about transparency, he said the first thing should be to inform the public.

**7.2 The impact of COVID-19 on the animals in the Koeberg Nature Reserve:
Mrs Jurina Le Roux - Environmental Officer (Koeberg Nature Reserve)****Question by Ms van der Westhuizen**

Ms van der Westhuizen enquired why the Koeberg Nature Reserve did not open with all the other parks when lockdown was relaxed.

Response by Mr Bakardien

Mr Bakardien explained that they are following the guidance for all the National Keypoints within Eskom. The factors taken into consideration with regards to the opening and closing of the nature reserve is continuously being assessed in light of COVID-19 requirements, security measure, safety and operational requirements.

Comments by Mr Naylor

Mr Naylor didn't feel that the answer given was conclusive enough and felt that they should work by guidelines. He stated that the public don't understand why the Koeberg Nature Reserve exit and entrance is separate from a security check point since Koeberg is a National Keypoint. The public is getting irritated that there's a beautiful facility on their doorstep, and summer is approaching, and they are not allowed to use it. He feels that a more positive answer is required other than "we are looking into it".

Response by Mr Bakardien

Mr Bakardien felt that it is good to hear the public's inputs on the topic. He explained that the National Keypoint is located inside the plant, where there is a security presence. He explained that it is all about access to the keypoint and the security measures that are needed to be put in place to secure the keypoint. He stated that besides COVID-19, there are other considerations in terms of the closure of the nature reserve which forms part of the security arrangements; the reasons which cannot be shared due its confidential nature. He invited comments from the public in expressing their sentiments regarding the issue as they value the relationship and would like to give the residents the benefit of the reserve but the bigger picture needs to be taken into consideration.

Comment by Mr Naylor

According to Mr Naylor, the sentiments are clear – the public wants the Nature Reserve open. He was concerned that they don't understand, and they are not informed of how COVID-19 affects the closure of the Nature Reserve and questioned why it had now become a security issue. He questioned whether the reserve would have been closed if COVID-19 did not happen.

Response from Mr Bakardien

Mr Bakardien explained that over the years the Nature Reserve has been closed periodically for various reasons. The security reason is one of the reasons for closure, the detail of which cannot be shared.

Response from Mr Phidza

Mr Phidza explained that when the Koeberg Nature Reserve is closed, be it for security or safety reasons, the public is usually informed of it via the local media.

Comment by Mr Naylor

Mr Naylor reminded Ms Le Roux about their communication regarding the concern he raised about the ephemeral water pan. Mrs Le Roux stated she was in discussions with City of Cape Town (CCT) and would revert to Mr Phidza once she has an update, to share with the PSIF members.

Response from Mrs Le Roux

Mrs Le Roux indicated that they are monitoring it and that the water levels are lower and that it is not affecting the birdlife. She confirmed that she is in discussion with the City of Cape Town (CCT) and that she will provide feedback to Mr Phidza to relay it to the PSIF members once an update has been received from the CCT.

Comment from Mr Goss

Mr Goss expressed concern about the poaching and the lapse of security because he felt that you don't just walk into Koeberg and poach a buck – he felt that something don't line up and that Mr Bakardien should ensure it is addressed as it is very disconcerting.

7.3 Announcement of the newly appointed Koeberg PSIF Deputy Chairperson Mr Gino Moonsamy - National Nuclear Regulator (NNR)

Mr Moonsamy informed the members that he has two announcements to make. The first announcement was that the Deputy Chairperson's term of office ended on 31 June 2021 and that the NNR embarked on a process of inviting nominations for the position. He explained that the new deputy chairperson's appointment will be effective from 2 August 2021 until 31 July 2023. He expressed his appreciation to Ms Natasha Leaner who faithfully served as the PSIF Deputy Chair for the past two years and thanked her from the NNR (in her absence).

He introduced the new PSIF Deputy Chairperson, Mr Cyril Johannes Mack, who comes from the Atlantis area. Mr Moonsamy explained that he has previously attended the PSIF and is very involved in the community and used to be a Ward Councilor in Atlantis. He thanked him for accepting the position and wished him well.

In his second announcement, he thanked Mrs Smokie La Grange for her endearing support and for serving the Public Safety Information Forum at many occasions and he expressed his gratitude on behalf of the NNR and the community that someone of her caliber and that is so passionate about community work, served the Public Safety Information Forum so diligently and faithfully. He informed the PSIF members that her term of office will conclude at the end of October 2021. He explained that the NNR will also be embarking on a process of inviting nominations via the local media and via the PSIF, for the chairperson position. He explained that this does not prohibit Mrs La Grange from being reappointed. He informed the members that between mid to end October 2021, nominations will be invited via the local newspapers and via the PSIF database for a new PSIF Chairperson.

Mrs La Grange indicated that she is willing to continue as PSIF Chairperson if there are no other applications or nominations.

8. General

Mr Iosiphakis expressed his concern about the articles placed in the local media by the Koeberg Alert Alliance about Koeberg and the NNR. He quoted a portion from the media report which has caused him great concern, it reads as follows; *“It was recently widely reported in the media that a US-based engineering company has been awarded a portion of a R20bn contract to extend the life of the Koeberg nuclear power plant. Activists and civil organisations are concerned that the legal processes required to grant a licence for a life extension have not been followed.”* The other article he quoted had the heading, *“SA’s nuclear power station buildings deteriorating quickly”* he continued reading an extract from the article of which the heading was, *No response from NNR to media reports of contract* and read the following extract from the article: *“A statement released yesterday by the Koeberg Alert Alliance spokesperson, Lydia Petersen, stated: “The fact that this contract has been announced before the NNR has indicated it has even received the life extension application from Eskom is deeply concerning”.* He said the PSIF members do not take the articles seriously as they know the facts, however, his concern was that the rest of the public don’t know the facts, and this is causing them great concern. He wanted to know whether these articles have been responded to by the NNR and Eskom.

Response by Mr Moonamy

Mr Moonamy thanked Mr Iosiphakis for raising the issue. He informed the member that they have given the media their position and that they don’t have control over whether the media prints their response or not. He acknowledged the member’s concern about responsible journalism and responsible public reporting and expressed that the world of media has changed so much in recent years and if the news media does not print fake news it is reported on social media. He explained that freedom of expression sometimes becomes irresponsible if facts are not checked and opinions are printed. He explained that there is a fine line between what is opinion and what is news. He explained that they do respond when the media gives them an opportunity to respond but they only respond to issues that are credible and do not respond to opinion.

Question by Ms McDaid

Ms McDaid’s question related to the latest emergency exercises. She enquired when the last NNR exercise took place and whether there is a report where she can review the feedback.

Response by Mr Bester

Mr Bester explained that they provided feedback on the outcomes of the NNR Exercise at the previous PSIF in (June 2021), so it should have been recorded in the Minutes of the June 2021 PSIF.

Response by Mr Becker

Mr Becker indicated that as a member of the Koeberg Alert Alliance, as far as he is aware, everything quoted on their site is factual and not fake news and that he is prepared to engage anyone who requires more clarity, and if anything is incorrect it will be corrected.

Question by Mr Mack

Mr Mack enquired about the nuclear leakages and how comfortable Koeberg is that it cannot cause any trouble. He also had a question about the truck carrying radioactive waste that had a minor tyre burst and had to be stopped along the road. He wanted to know whether the company transporting the waste had all the

necessary checks and balances in place and performed on a regular basis and whether Eskom is doing enough to ensure that the company who transports the waste are following all the safety precautions and measures in ensuring it won't happen again. He also enquired whether the truck was roadworthy. He stated that he realised that it could have just been an unfortunate incident, but he was concerned that something worse could have happened.

Response by Mr Phidza

Mr Phidza explained that all the checks and balances were in place and that regular drills are performed on the transportation. He said he can confirm that the tyre burst was because of a sharp object in the road and that no standards and practices were compromised. He said that even when doing their own investigation and analysis the findings were that safety was not compromised and that the incident could not have been foreseen.

Response from Mr Bakardien

Mr Bakardien explained that they treated the incident very seriously even though the truck merely had a flat tyre – the truck had to stop for a few hours for the tyre to be fixed and then continued the trip to the Vaalputs Waste Repository site. He informed the members that the design of the truck is quite robust and that it meets all the Eskom requirements. He explained further that over and above ensuring that the checks and balances are in place they are also investigating that there are no further actions that can be taken. The decision was made to share the information broadly, in the spirit of transparency, to ensure awareness.

Mr Bakardien also responded to Mr Iosiphakis' question by stating that some of the articles published do not contain factual information. As Eskom they do not elect to respond to every social media article and that they do respond to certain articles and publish articles to set the record straight. He encouraged any of the members who would like questions answered to let them know and they will answer the questions and they will set the record straight and provide the factual information.

Question by Mr Magwaza

Mr Magwaza enquired when the next Emergency Plan exercises will be conducted.

Response by Mr Phidza

Mr Phidza explained that Koeberg has regular annual emergency plan exercises. He explained that the next series of Annual Emergency Plan exercises is scheduled to take place every Thursday from 21 October to 18 November 2021. The Regulatory (NNR) exercise takes place every two years. He explained that in the November 2021 PSIF meeting they will provide feedback on the outcome of the exercises as part of the Quarterly Koeberg feedback.

Question by Ms McDaid

Ms McDaid enquired whether there are any participation and involvement by the public in these exercises.

Response by Mr Phidza

Mr Phidza explained that most exercises are simulated and that the public involvement is simulated as it can cause unnecessary harm if the public are involved. He explained that during the NNR (regulatory) exercise the NNR usually invites the public to participate. He said that best practice dictates that involvement by the public should be minimised as it could be mistaken for a real emergency and cause mass (public) panic.

Question by Ms McDaid

Ms McDaid explained that in the past they found it extremely valuable to be involved in the emergency exercises as the public brings a different perspective which can add value to the whole emergency exercise experience. She appealed to Eskom and the NNR to bring the public involvement process back as it is valuable in helping the public understand how the nuclear emergency protocols work.

Response by Mr Moonsamy

Mr Moonsamy informed Ms McDaid that for the next NNR exercise they are considering a VIP Observer Programme like they've had in the past which could not be implemented during the last NNR Exercise because of the impact of COVID-19. Moving forward they will consider it as a good practice, if the external environment allows it and if there is no pandemic or threat to the safety or health of people.

Question by Mr Naylor

Mr Naylor enquired about the population size of Melkbosstrand/those people affected by the Koeberg 5 to 16km radius and felt that Koeberg who is included in this strategy should have a source of accurate information. He wanted to know where they obtain their information from and how it is updated.

Response by Mr Phidza

Mr Phidza informed Mr Naylor that they receive the information from the National Census (every 10 years). They also work with various agencies who give them yearly projections, and which is based on studies done on expansions etc. The studies confirm the projections and they incorporate it into their planning and execution programme.

Response by Mr Naylor

Mr Naylor asked Mr Phidza about the latest figures as he was concerned about the 10-year mark as he felt that in year 9 they will be totally out of sync with the last census and updated figures due to the expansion in Melkbosstrand which has been quite extensive because of the additional housing. He enquired about the total number of people residing in the 5km radius. Mr Phidza informed Mr Naylor that he doesn't have the accurate totals at his fingertips and that he will provide the figures in writing to Mr Naylor.

Question by Mr Mack

Mr Mack stated that he assumes that Atlantis falls within the 16km radius and with all the expansion and growth and people flooding into Atlantis, the growth of the information settlement and the addition of RDP houses built by the City of Cape Town building. His concern was whether they are on still on par with the City of Cape Town's requirements for building and expansion based on the emergency plan provisions.

Response by Mr Phidza

Mr Phidza confirmed that Atlantis is within the 16km radius and that the topic can be added as an Agenda item for the next meeting.

Response by Mr Bester

Mr Bester explained that on an annual basis they receive report back from the City of Cape Town regarding developments and the evacuation plans. He informed the member that the public can be assured that the population development is controlled by the City of Cape Town within the framework specified by the NNR and even informal dwellings are being monitored, especially within the 5 to 16km zone.

Annually the City of Cape Town provides report back to the NNR on any developments that significantly impacts the population increase and may impact the evacuation times which needs to be brought to the NNR for concurrence/inputs.

9. Proposed Agenda items for the next PSIF meeting

The following Agenda items have been proposed for the upcoming meeting:

- The Koeberg Emergency Evacuation Plan
- Report back on the faulty relay Koeberg is currently investigating (as part of quarterly Koeberg feedback)

10. Date of next meeting

The next PSIF meeting will be held virtually via MS Teams on Thursday, 25 November 2021.

11. Closure

The Chairperson thanked everyone for their attendance at the PSIF meeting and encouraged the members to RSVP their attendance to the 25 November 2021 PSIF, to Debbie Joshua at their earliest convenience but no later than a week before the next meeting.

The meeting was concluded at 21:08.

PSIF Action item list

Number	Action	Raised by	Action owner	Status <ul style="list-style-type: none"> • In progress • Pending • Closed
1.	Emergency Plan Calendar 2022 progress update.	Mr Goss	Mr Phidza	Update to be provided in the 25 November 2021 PSIF
2.	Feedback on the investigation of the faulty relay.	Ms McDaid	Mr Bakardien	Included as part of the 25 November 2021 Koeberg Quarterly Feedback
3.	Total population in the 5km radius of Koeberg	Mr Naylor	City of Cape Town to respond in the 25 November 2021 PSIF meeting	
4.	Update on the ephemeral water pan	Mr Naylor	Ms Jurina Le Roux	Ms Le Roux to update Mr Phidza once she had an update from the City of Cape Town
5.	Update on the opening of the Koeberg Nature Reserve	Mr Naylor	Mr Bakardien	