

**Koeberg Public Safety Information Forum (PSIF) Minutes of the meeting
held on Thursday, 31 March 2022**

Venue: MS Teams (virtual Platform)

Chairperson: Ms Smokie La Grange

Deputy Chairperson: Mr Cyril Mack

| Name and Surname | Organisation | Present |
|-----------------------------|------------------------|----------------|
| Andrews, Melanie | Resident | A |
| Browne, Peter | Resident | Apologies |
| Beyl, Trudy | Resident | P |
| Becker, Peter | Koeberg Alert Alliance | P |
| Browne, Peter | Resident | Apologies |
| Goss, Clive | Resident | A |
| Goss, Marga | Resident | A |
| Harrison, Douglas | Resident | A |
| | | |
| Iosiphakis, John | Resident | Apologies |
| Jones, John and Anneke | Resident | A |
| Jones, John | Resident | P |
| Jenny (Guest) | Resident | P |
| 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 | P |
| Mayhew, Sylvia | Resident | P |
| Mallison, Clyde | Resident | A |
| Malan, Leon | Resident | P |
| McDaid, Liziwe | OUTA | P |
| Meyer, Carola | Resident | A |
| Moses, Bramwell | Resident | A |
| | | |
| Nagan, Roy | Resident | A |
| Naylor, Paul | Resident | P |
| Pannaye, Angelique | Resident | P |
| Pannaye, Eric | Resident | P |
| Petersen, Lydia | Resident | P |
| | | |
| Scott, Peter | Resident | A |
| Siyengo, Linda | Resident | P |
| Slabbert, Johan | Resident | P |
| Snyders, Edward | Resident | A |
| Stockhowe, Rita | Resident | A |
| Taylor, Roberta | Resident | A |
| Van der merwe, Marinda | Resident | P |
| Van der Westhuizen, Marinda | | |

| 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 | Apologies |
| Ditlhake, Kentse | Eskom Koeberg | A |
| Ellis, Frikkie | Eskom Koeberg | P |
| | | |
| Featherstone, Keith | Eskom Koeberg | P |
| Franco, Johannes | City of Cape Town | P |
| Jeannes, Deon | Eskom Koeberg | P |
| Julius, Graham | Eskom Koeberg | P |
| Joshua, Debbie | Eskom Koeberg | P |
| | | |
| Heugh, Gavin | City of Cape Town | |
| Kline, Kim | Eskom Koeberg | Apologies |
| Lenders, Ricky | City of Cape Town – Disaster Risk Management | P |
| Le Roux, Jurina | Eskom Koeberg | P |
| | | |
| Makgae, Reuben | National Nuclear Regulator | P |
| Mahlase, Joan | Eskom Koeberg | P |
| Mashele, Bravance | Eskom Koeberg | P |
| Maree, Marc | Eskom Koeberg | A |
| Maree, Vanessa | National Nuclear Regulator | A |
| | | |
| Matlala, Obakeng | Department of Mineral Resources and Energy | A |
| Minnie, Johan | City of Cape Town | P |
| Mnyanda Xolisa | Eskom Koeberg | P |
| Molokomme, Daniel | National Nuclear Regulator | P |
| Moonsamy, Gino | National Nuclear Regulator | P |
| Moffat, Robert | Eskom Koeberg | P |
| Mtwebana, Nomawethu | Eskom Koeberg | P |
| | | |
| Ncuru, Anele | Eskom Koeberg | P |
| Ndomondo, Thembi | National Nuclear Regulator | A |
| Phidza, Lewis | Eskom Koeberg | P |
| Powell, Charlotte | City of Cape Town | A |
| Ryland, Nizaam | Eskom Koeberg | P |
| Ramerafe, Mothusi | National Nuclear Regulator | P |
| Silinga, Nangamso | National Nuclear Regulator | P |
| Stephanus, Aminah | Eskom Koeberg | P |
| Swart, Paul | Ward Councillor: Ward 23 | P |
| Thomas, Mandy | City of Cape Town | P |
| Thauge, Phina | Eskom Koeberg | P |
| Touffie, Sadika | Eskom Koeberg | P |
| 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 |

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|----------------------------|--|----------------------------------|--|
| | | 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 everyone to the March 2022 PSIF. She confirmed that she has been re-elected as Chairperson of the PSIF by the National Nuclear Regulator (NNR) for a period of two years ending in January 2024. She confirmed that a quorum was present as per the Koeberg PSIF Constitution. She extended a special welcome to Counsellor Paul Swart, the incoming DA Counsellor for Ward 23 of which Koeberg is part of.

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. Announcement of PSIF Chairperson by Mr Gino Moonsamy (NNR)

Mr Moonsamy officially announced to the members that Mrs Smokie La Grange has been re-appointed by the NNR Board of Directors as the Koeberg PSIF Chairperson, for a term of two years. He thanked the members who nominated her for the position, he also thanked Mrs La Grange for always being prepared to serve the community and the PSIF. He wished her well for her term of office and expressed his confidence in her serving the forum unbiasedly and representing their views aligned to the constitution of the PSIF.

Mrs La Grange expressed her appreciation for the kind words expressed by Mr Moonsamy and that she will do her best to serve the Koeberg PSIF.

4. MS Teams Protocol and PSIF Code of Conduct

The chairperson informed the members that the PSIF protocol and PSIF Code of Conduct will be rotating on their screens for members to view. She informed them that the meetings are recorded for reference and minute-taking purposes and asked them to mute their microphones and videos unless they are speaking. She also explained to them how to raise their hands on MS Teams and raise their comments or questions in the chat box.

5. Apologies

The following apologies were tendered

- Mr Cyril Mack (PSIF Deputy Chairperson)
- Mr Peter Browne
- Mr Nick and Mrs Anne Lee
- Mr Deon Jeannes

6. Acceptance of the Minutes of the previous meeting of 25 November 2021

The chairperson indicated that under Welcome in the Minutes (page 5) Mr Moonsamy's surname was spelled incorrectly as Munsami.

The Minutes of the 25 November 2021 meeting were approved by Ms La Grange and seconded by Mr Naylor with the discussed change.

6.1 Action list review – 25 November 2021 (see updated Action Item list at end of Agenda)

Action item 1:

Emergency Plan Calendar 2022 progress update. Calendars have been distributed to members. ***Item closed and can be removed from the Action item list.***

Action item 2:

Question on the ephemeral water pan by Mr Naylor. Response was provided by Mrs Jurina Le Roux. ***Item closed and can be removed from the Action item list.***

Action item 3:

Total population in the 5km radius of Koeberg asked by Mr Naylor. Response was given by Ms Annelise du Bruin from the City of Cape Town Urban Growth Management Department who presented on the topic in the previous PSIF Meeting. **Item can be removed from the Action item list.**

Action item 4:

Update on the opening of the Koeberg Nature Reserve. **To be covered in the Quarterly Feedback presentation.**

Comment by Mr Naylor

Mr Naylor enquired about the comment that was raised by one of the members pertaining to increasing the frequency of the PSIF (maybe every two months) as time runs out during meetings leading to some of the Agenda Items not covered (i.e presentations) and many of the questions left unanswered. He enquired whether it has been discussed and if it has been considered. He also asked if it could be added to the Action item list.

Response by Mrs La Grange

Mrs La Grange responded that it has not been discussed yet and based on how tonight's meeting goes, it will be considered.

Question by Mr Naylor

Mr Naylor enquired about Action Item 4 (update on the opening of the Koeberg Nature Reserve). He raised a concern regarding the response to the Jenny Evans incident (a lady who trespassed on the Koeberg Nature Reserve). He read an extract from the article which he said caused him and many members of the public great concern. It read as follows: *"It is unfortunate that people like Ms Evans, who try to publish what they consider to be clever articles, spoil it for others as this will again delay the reopening of the nature reserve to the broader public."* He felt that being part of the broader public, he is being punished because of the trespassing of someone else. He also felt that there's no transparency regarding the reason for the nature reserved not being opened.

Response by Mrs La Grange

Mrs La Grange informed Mr Naylor that the action item and his concern will be addressed in the Quarterly Feedback presentation as she has mentioned earlier.

Question by Ms McDaid

Ms McDaid mentioned that in the Minutes of the previous meeting, which she was unable to attend, the issue of the relay was presented, which she is very interested in. She requested whether it could be sent to her, as she is very interested in the results of the relay investigation.

Response by Mr Featherstone

Mr Featherstone indicated that he presented it on behalf of the power station and suggested that Ms McDaid contact him so he can take her through the presentation, as typically presentations are not attached to the Minutes as it lacks the proper context if members did not attend the meeting. He indicated that he will be available the following week.

Response by Ms McDaid

Ms McDaid said she will take Mr Featherstone up on his offer when they are both available as she will be away for the next few weeks.

7.1 Koeberg Quarterly Feedback by Mrs Nomawethu Mtwebana – Koeberg Power Station General Manager (Acting)

As per her introduction, Mrs Mtwebana informed the members that she was appointed as the Power Station General Manager (Acting) towards the end of 2021 and that she has been working at Koeberg Nuclear Power Station for more than 20 years.

Action Item: Nature Reserve Opening

The presentation contained the statement that the work rehabilitating the ponds in the nature reserve is expected to be completed by the end of June 2022, after which it should again be possible to open the reserve to the public.

Question by Mr Becker

With reference to the investigations that are underway, Mr Becker (i.e. the ventilation system contamination, the wrong valve being operated, etc.) enquired whether the reports of these investigations will be made public, once concluded.

Response by Mr Featherstone

Mr Featherstone indicated that the reports will not be made available to the public, but that the content of the report could be presented to the public at the next Public Safety Information Forum if they request it.

Question by Ms McDaid

Ms McDaid wanted to know where the relay failure fit into the reporting of the safety system performance.

Response by Mrs Mtwebana

Mrs Mtwebana informed the member that there is a benchmarked list of safety systems and that the relay issue does not form part of the list.

Question by Ms McDaid

The member questioned why an alarm wasn't triggered when the valve cutting happened and why it was only detected when the Chemist did the sampling.

Response by Mr Bakardien

Mr Bakardien explained that there were valves upstream which were closed, so there was no impact associated with the valve being cut out, and therefore no alarm activated. He further explained that since it was a manual valve (tap) there is no alarm associated with its removal/closure or opening. Should there have been a problem following the removal of the valve, it would have been visible to the maintenance person, or ultimately would have been signalled by a low pressure or the water level of the system.

Question by Ms McDaid

Enquired who will be doing the independent investigation as was mentioned in the presentation. She also asked for clarification of whether the team was drawn from international or local experts as independent generally means outside Eskom.

Response by Mr Ellis

Mr Ellis informed the member that an investigation team, made up of local experts in the fields of Project Management, Project Control, Project Planning and Audit and Forensic Investigations, was appointed by the Eskom Chief Operating Officer on behalf of the Eskom Chief Executive to investigate the circumstances leading up to the decision of withdrawing the Steam Generator Replacement (SGR) from Outage 225.

Comment by Mr Bakardien

Mr Bakardien explained that prior to the decision to withdraw the steam generator, the Koeberg power station leadership consulted with international nuclear experts, to provide an independent perspective.

Question by Ms McDaid

Ms McDaid wanted to know what the financial implication of the Framatome contractors were, given that the programme is delayed. She also asked who is being trained, the level of skills and whether this additional money is coming from the existing Eskom budget or whether Eskom will be asking for this additional revenue from the fiscus.

Response from Mrs Mtwebana

Mrs Mtwebana responded that the workers that are being trained are those that have been recruited, mostly artisans and technicians in the Maintenance Department. The budget is coming out of the Eskom budget and in some cases has been included as part of the contracting process of ensuring skills transfer, so it has already been catered for.

Question by Mr Becker

Mr Becker enquired about the date of the incident referencing the presentation which stated that the clogged water system occurred on 19 January, and the Emergency Control Centre (ECC) was stood down in February.

Response by Mrs Stephanus

Mrs Stephanus indicated that it was an error in the presentation and that it should have stated that the ECC stood down on 20 January 2022, not February.

Response by Mrs Mtwebana

Mrs Mtwebana explained that the event occurred on the evening of 19 January 2022 and the ECC stood down at 04h05 in the morning of 20 January 2022 which is directly from the slide.

7.2 Koeberg Long Term Operation update: Mr Sadika Touffie – Nuclear Engineering Manager**Question by Mr Becker**

Mr Becker enquired whether the full LTO safety case report submitted to the NNR will be made public (as opposed to just a Public Information Document).

Response by Mr Touffie

He informed the member that the safety case will not be made available however the Public Information Document will be made available by the NNR to the public which will contain all of the relevant information that is contained in the safety case.

Question by Ms McDaid

Ms McDaid asked what is meant by *the schedule has little float*.

Response by Mr Touffie

It's a planning terminology referring to the critical path where you have to perform one activity after the other without any time in between any item. If you have an item that takes longer, you have *float* which refers to leeway or allowance in time you have available to complete the work (from a time perspective). So, the schedule having little float means that you do not have much time/leeway to complete the schedule or in meeting the deadline.

Response by Mrs Mtwebana

Mrs Mtwebana explained that it refers to the risk allowance in terms of time.

Response by Mr Ellis

Mr Ellis explained that it refers to the market engagement in the form of a Request for Information last year, indicated a manufacturing time of between 18 months and two years. The tender is out in the market, based on a 2-year manufacturing time, that is why they have stated that there is *little float*. He further explained that they are working on the spares on site six months before the Outage to reduce their risk of not being ready for the Outage and with this conservative thinking, there is *little float*, less than two months.

Question by Mr Becker

Mr Becker asked whether the report from the SALTO peer review will be made public?

Response by Mr Touffie

Mr Touffie explained that it is an IAEA document and will have to be considered against the IAEA protocols associated as to what are allowed to be published.

Question by Ms Beyl

Mrs Beyl asked with the SGR withdrawal from outage 225 why the outage is still taking the full 155 days it was planned for and should it not be less time (even with the inspections needed, of the SG).

Response by Mrs Mtwebana

Mrs Mtwebana explained that they had to start with the planning and preparation of the current steam generator testing, taking into account the studies that have to be performed. That is what is taking long, coupled with having to mobilise the resources at this stage.

Question by Mr Becker

Mr Becker asked to please indicate what the first of the two events was (the second one was the wrong valve).

Response by the Chairperson (Mrs La Grange)

The first issue was the innkeeper worms.

7.3 National Nuclear Regulator 2020 Emergency Exercise feedback by Mr Mothusi Ramerafe (Manager: Emergency Prepared and Response)

Question by a member

The member asked for more information regarding the procedure and lack of training.

Response by Mr Bester

Mr Bester explained that they (NNR) looked at the COVID-19 implementation and the controls in place at the City of Cape Town had in place. Although they implemented the actions some of the steps in the processes were not captured in their procedures and the expectation from the NNR was that they update their procedures to reflect it. With regards to the training, it was an observation that the person who answered the call at SABC was not aware of what was expected and not familiar with the Koeberg processes which resulted in a delay in communication which could have had a delay in the implementation of the protective actions. They identified the need for training of relevant stakeholders which forms part of the emergency response organisation.

Question by Ms McDaid

Ms McDaid enquired when the next NNR Exercise will be. She also asked whether there will be more exercise to beef up the responses that was still outstanding.

Response by Mr Mothusi

Mr Mothusi informed the member that the next NNR Exercise is scheduled for October 2022. He indicated that they are hoping that by that time all the outstanding issue have been addressed. He also informed the members that the actions that he presented was as at December 2021 and many of the actions could have been addressed already and the reports on their way to the NNR.

Question by Mr Mayhew

Mr Mayhew raised a concern related to the radioactive release (airborne contamination event) and how nobody had the forethought after 30+years to put some form of mitigation in place to prevent this from happening. He also queried the wrong unit operation incident - he queried how it happened, what corrective actions were implemented and how reoccurrence will be prevented.

Response by Mr Featherstone

Mr Featherstone explained that in 35 years these tests have been conducted regularly and successfully without any incident. He admitted that they took their eye off the ball. He explained that through their continuous improvement processes they should have been able to identify and mitigate the risk, which didn't happen. The investigation pertaining to the cutting out of the wrong valve has not been concluded and will be presented once concluded. Mr Featherstone confirmed that the cutting out of the valve had no direct impact on the plant or the safety of the workers involved as it was on a sampling circuit and not directly connected to the plant. Irrespective of the fact that there was no direct impact, the event should not have occurred, which is why management treated it as serious, and the investigation is focused on why the current error prevention tools failed and how to prevent reoccurrence.

Response by Ms Stephanus

Ms Stephanus commented that Koeberg makes a big fuss about the little things. She confirmed that the incident is serious but at Koeberg they try to address anything however small, that goes wrong, to prevent the big things from happening.

Comment from Ms McDaid

Ms McDaid commented that as per what was shared regarding all the incidents at Koeberg it seems like there has been a lot of Senior Management oversight on the ground to avoid these incidents from occurring. She enquired if in the next PSIF there could be feedback on how the increased Senior Management oversight is assisting in keeping the plant safe.

Response by Mr Featherstone

Mr Featherstone explained that in the nuclear industry they have quite a comprehensive and significant observation programme that involves management being in the field observing worker behaviour driven by conventional safety programme. They verify the staff working in the field know what they are doing, that they are following the right procedures and know the risks associated with the tasks they are performing. Mr Featherstone proposed that an overview of the programme can be presented at the next PSIF if the members request for it.

Question by the chairperson

Ms La Grange asked that Mr Featherstone to highlight the various events/incidents that took place and that were presented.

Response by Mr Featherstone

Mr Featherstone summarised the various events presented as:

- The airborne contamination event – the outcome of the investigation was presented
- Wrong unit operation (wrong valve being cut out) – report still being finalised
- Innkeeper worms – a swarm of these worms entered the Koeberg intake basin and clogged up the rake screens that Koeberg uses to remove the debris from the seawater to prevent the debris from entering the Koeberg system.

8. General

Comment by Mrs Pannaye

Mrs Pannaye highlighted a gap between what they, the public, understands and what the reality of functioning and operations are. She said she thinks

that Koeberg is very transparent and when the public overreacts before understanding the process, it makes transparency difficult.

Comment from Mrs Pannaye

Mrs Pannaye indicated that there was a fabulous presentation in 2014 on the evacuation plan presented at the PSIF. It contained information on how people will be evacuated, information on the [potassium iodate] tablets, the process of being decontaminated. She asked whether the presentation could be presented again.

Question by Ms Beyl

Ms Beyl enquired how often Koeberg updates the schools on the Koeberg Evacuation Plan.

Response by Mr Phidza

Mr Phidza suggested that it could be added to the PSIF Agenda as a future topic so more comprehensive information could be shared with the members.

Question by Ms La Grange

Ms La Grange asked whether it could be added to the agenda of the June PSIF.

Response by Mr Phidza

Mr Phidza agreed that it could be considered for the next PSIF

Comment by Cllr Swart

He explained that it is the PSIF first meeting he is attending and that he is impressed with the quality of the meeting, the amount of information shared and also the openness in which the information was shared. He informed the members that he had a very conducive meeting in January with Mr Bakardien our Chief Nuclear Officer (CNO) of which Mr Featherstone was in attendance and in that meeting he experienced sincerity and transparency in how they communicated. He explained that this will empower him in his work as ward counsellor in assisting to alleviating fears and to provide information to those who are not present in these meetings.

Question by Mr Mayhew

Mr Mayhew enquired about the validity of the potassium iodate tablets and how expiry dates are managed and controlled especially in the light of COVID-19. He is interested in how it was managed at Fire Stations, schools, hospitals, workplaces etc.

Comment by Ms McDaid

Ms McDaid if the presenters could spend a bit more time on each slide (slide progression to be a bit slower) to allow for members to be able to follow and formulate their questions before moving on to the next slide – as they often miss the information whilst formulating their questions.

Question by Mr Becker

Mr Becker enquired whether the presentations could be distributed to the members a day or two before the meeting so that members could prepare their questions beforehand.

Response by Mr Featherstone

Mr Featherstone responded that this question comes up numerous times and that they have explained to the members that the presentations can not be made available beforehand as the information is often taken out of context. He agreed with the suggestion by Ms McDaid that the presenters progress through the various slides slower.

9. Proposed Agenda items for the next PSIF meeting

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

1. Quarterly feedback (to include)
 - a. Feedback on how Senior Management Oversight assists in keeping the plant safe
 - b. Koeberg Management Observation Programme
2. Koeberg public education update
3. Potassium iodate management and control (how do we manage and control the expiry dates)

10. Date of next meeting

The next PSIF meeting will be taking place on Thursday, 30 June 2022 via MS Teams.

11. Closure

The Chairperson thanked everyone for their attendance at the meeting PSIF meeting. She wished our Muslim members well during their period of fasting and the Christian members a happy Easter.

The meeting was concluded at 21:05.

PSIF Action item list – as at the end of the 31 March 2022 meeting

| No. | Action | Raised by | Previous feedback | Status |
|-----|--|-----------|---|---|
| 1. | Update on the opening of the Koeberg Nature Reserve | Mr Naylor | <p>Nov 21 - Mr Bakardien explained that it is not related to the operation of the power station but there is an environmental issue that needs to be addressed before the reserve can be re-opened</p> <p>Mar 22 – The status of the rehabilitation of the ponds was presented. Work is unlikely to be complete before end June. If there are no other constraints – at that stage it is our intention to reopen the reserve.</p> | Item to remain on list (until reserve is opened or confirmed it will remain closed) |
| 2. | Feedback on the incorrect valve being cut out | Mr Mayhew | | To be included in the Koeberg quarterly feedback presentation |
| 3. | <p>Information on Senior Management Oversight in preventing accidents.</p> <p>Include Management Observation Programme</p> | Ms McDaid | | To be included in Koeberg Quarterly feedback presentation |
| 4. | Status of potassium iodate tablets (how is it controlled and managed especially with regards to expiry dates) | Mr Mayhew | | Presentation by the City of Cape Town |