

Necsa Public Safety Information Forum (PSIF)
Minutes of the meeting held on Saturday, 7 March 2020

Venue : Necsa Visitor Centre **Time** : 09:00 to 11:30
Chairperson : Ms Ntombifuthi Nxumalo **Deputy Chairperson** : t.b.a

REGISTRATION (■=PRESENT, □=Apology/ABSENT)

NAME AND SURNAME	ORGANISATION	DATE - 2019			
		02/03	08/06	17/08	09/11
Makofane, Ephraim	Chairperson (2019/20)	■	■	?	■
Wentzel, Veronica	Secretary (new)				■
Nxumalo, Ntombifuthi	Chairperson (2020/21)				
Mthombeni, Princess	Secretary	■	■	?	?
Akortia, Cheryl	Necsa	?	?	■	?
Chauke, Edga	Necsa	■	■	■	■
Kunene, N	Necsa	■	■	?	?
Malaka, S	Necsa	?	?	■	?
Masoleng, Zolani	Necsa	■	■	■	?
Mogafe, Ruben	Necsa	■	■	?	■
Mondi, Monde	Necsa	■	■	?	?
Motsumi T	Necsa	?	?	?	■
Mthombeni, Ntombi	Necsa	■	■	■	?
Myoli, Ayanda	Necsa	?	?	■	?
Raphotlhe, Blessed	Necsa	■	■	■	■
Rasweswe, Mosa	Necsa	■	?	■	■
Ratabane, Kabelo	Necsa	■	■	■	?
Rennie-Kroon, Amelia	Necsa	■	■	?	■
Tengimfene, Nickelwa	Necsa	■	■	■	■
Van Heerden, Eurika	Necsa	?	?	?	■
Twala, S	Necsa	?	?	■	?
Krishenlall, Malcom	Pelchem	?	?	?	■
Dorcus	CPF	?	?	■	?
Malaza, E	CPF	?	?	■	?
Matlala, O	DMRE	?	?	■	■
Thabiso	DMRE	?	■	?	?
Rathebe, B	Madibeng	■	?	?	?
Mogorosi, Tshepiso	NNR	?	■	?	■
Moonsamy, Gino	NNR	■	?	?	?
Mosoeunyane, S	NNR	■	■	■	?
Pather, Thiagan	NNR	■	■	■	■
Rikhotso, J	NWPDMC	■	■	■	■
Adifele	Resident	?	?	■	?
Breeze	Resident	■	?	?	?
Brent, Steve	Resident	?	■	?	?
Dabezies, JB	Resident	■	?	?	?
Heinrich, J	Resident	■	■	■	?
Hlabyago, KP	Resident	?	■	■	?
Malatsi, Thabiso	Resident	■	?	?	■
Mashabathakga, C	Resident	■	?	?	?
Mathabatha, Z	Resident	?	■	■	?
Mathosa, M	Resident	?	?	■	?
Moroane, HT	Resident	■	?	?	■
Mosoetsa, E	Resident	?	■	?	?

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Mphahla, J	Resident	?	■	?	?
Mphatha, J	Resident	■	■	?	?
Ngenya, J	Resident	?	?	?	■
Phahlamohlaka, T	Resident	?	■	?	?
Smith, M	Resident	?	■	■	■
Smith, R	Resident	?	?	?	■
Selwane, M	Resident	■	■	?	■
Steynberg, Coert	Resident	■	■	■	?
Steynberg, S	Resident	■	?	?	?
Taylor, F	Resident	■	?	?	?
Van	Resident	■	?	?	?
Ntshwane	SAMKFA	?	?	■	?

ABBREVIATION	DESCRIPTION
ACEO	Acting Chief Executive Officer
CEO	Chief Executive Officer
D&D	Decommission and Decontamination
DMRE	Department of Mineral Resources and Energy
DSI	Department of Science and Innovation
ECC	Emergency Control Centre
EIA	Environmental Impact Assessment
IAEA	International Atomic Energy Agency
IRP	Integrated Resource Plan
JOC	Joint Operations Centre
Mo-99	Molybdenum-99
MoU	Memorandum of Understanding
MPR	Multi-Purpose Reactor
Necsa	South African Nuclear Energy Corporation SOC Limited
NERSA	National Energy Regulator of South Africa
NGO	Non-government Organisation
NLA	Necsa Learning Academy
NNR	National Nuclear Regulator
NPO	Non-profit Organisation
NRWDI	National Radiation Waste Disposal Institute
PSIF	Public Safety Information Forum
SAFARI-1	South Africa Fundamental Atomic Research Installation
SAPS	South African Police Service
SDR	Special drawing rate
SHEQ	Safety Health Environment and Quality

TERM	CLARIFICATION / DEFINITION
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

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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.
Emergency Plan	A document describing the organisational structures, its roles and responsibilities, concept of operation, means and principles for intervention during an emergency.
Evacuation	The rapid, temporary removal of people from the area to avoid or reduce short-term radiation exposure in the event of an emergency.
mSv	The millisievert (mSv) is a measure of the absorption of ionising radiation by the human body.
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, and Jacaranda FM and Motswedding .
Radiation	Energy released in the form of particles or electromagnetic waves during the breakdown of radioactive atoms.
Release	The controlled or accidental discharge of radioactive substances into the environment.
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.

1. WELCOME AND OPENING

Number	Minute	Responsible
	<p>Mr Tshepiso Mogorosi from NNR welcomed all present. He introduced the new PSIF Chairperson, Ms Futhi Nxumalo; and the new Deputy Chairperson, Mr Joel Mphahla Mphahla.</p> <p>Ms Nxumalo introduced herself and wished all Happy International Women’s Day tomorrow, 8 March 2020. Ms Nxumalo requested all cellphones off and to raise hands if a question want to be asked.</p> <p>Mr Thabong Manyang requested how the new CP was elected and why the community was not informed as the matter was to be referenced to this meeting, only the Deputy Chairperson was nominated and elected, why they were not informed of the process. Ms Nxumalo requested to address this under General discussion. Ms Tengimfene requested that we proceed to Safety Briefing and have the NNR address it during their turn, but Mr Thiagan Pather informed that he would answer to ensure that the meeting proceeded smoothly. The PSIF is mandated and governs by the NNR, the NNR publish nominations, when received it is attended to by their Board. During the last PSIF, and as per the Minutes, it was note that the Chairperson’s term came to an end and there was a request for nominations. The Deputy Chairperson was no longer available and therefore the matter was discussed during the last PSIF. Every two years the position is filled and the position was advertised via public notification and discussed in the NNR Board January meeting, if a person was not nominated they would not be considered. Mr T Malatsi informed that during the last meeting they were not informed of the new Chairperson, only the Deputy Chairperson position. Mr Thiagan Pather informed that it was a misunderstanding and again referred to the previous Minutes, we were operating without a Deputy Chairperson and that the Chairperson’s term was coming to an end. If the NNR received a limited number or no nominations they would come back to the PSIF and would put out a public request for nominations, this was the normal standing process.</p>	

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2. SAFETY BRIEFING

Number	Minute	Responsible
	Ms Amelia Rennie-Kroon did the safety briefing of the venue, highlighting the safety protocols, as well as the emergency alarms and what they mean.	

3. ACCEPTANCE OF THE MINUTES OF THE PREVIOUS MEETING

Number	Minute	Responsible
	<p>The following corrections were made:</p> <ul style="list-style-type: none"> - Mr Thiagan Pather's name was corrected throughout the document. - Changed Brian Mogafe to Ruben Mogafe throughout the document. - Page 3: 3 last sentence – Should read “Adoption of Minutes was moved by Mr Jack Rikhotso and seconded by Mr Blessed Raphotle” as the entire meeting adopts the Minutes. - Page 6: Question 4 – Corrected to Mr T Malatsi (not R) - Page 7: Response 6a – Included 2019 after July to September. The correct quarter, Quarter 4 of 2019 was included. - Page 9: 6.4 – Heading should be Nuclear Liability Insurance. Changed SA Energy Plan to NNR Act. Removed “thus outdated as it is based on historical data.” Next paragraph “Necsa needs to provide NNR with regular confirmation that they”, removed “we” - Page 10: 6.6 – A community member requested to have matter regarding Chairperson removed as according to him it was not a true reflection of the discussion of the previous meeting. Ms Nikelwa Tengimfene informed the Minutes were recorded and transcribed. Mr Thiagan Pather informed that according to him the Minutes are correct and cannot solve a problem by amending the Minutes incorrectly. He suggested that we accept the previous meeting's Minutes and raise the community's accurate concerns in today's Minutes, to not lose the important issue that were raised but to move forward. <p>Adoption of the Minutes was moved by Mr Thabiso Malatsi and seconded by Mr Jobe Ntshwane.</p>	

4. MATTERS ARISING FROM PREVIOUS MEETING

Number	Minute	Responsible
4.1	<p>SHEQ TRAINING FOR NGO'S</p> <p>Mr Moses Sekwale informed since 2019 they requested to be called telephonically regarding training of NGO's, to date they did not receive any follow up.</p> <p>Mr Clive Mokoena informed that he is responsible for training at Necsa, based at NLA. He was not privy to previous commitments, but was once approached by a NGO and met and was requested to formalise a presentation, and to date did not receive a response from the NGO. They also met with a NGO at one of the four Nuclear Technology Schools of Specialisation in Atteridgeville. The opportunity were still open to training but Necsa needed to know what the NGO's required, as the SHEQ training is technical with elements of awareness and emergency preparedness. The NGO's need to inform which training they want to start with. Mr Mokoena informed that the NGO's can obtain his contact details directly and set up a meeting to further discuss.</p>	M. Sekwale

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<p>4.1</p>	<p>As background NLA has a MoU with Gauteng Department of Education (GDE) with a partnership on nuclear technology, there are currently 15 students undergoing artisan training at Necsa. Necsa also took four students to Danville College where they are currently studying.</p> <p>Any additional requests for more schools should be done through the GDE as they are the custodians and process holders of the NLA MoU.</p> <p>NLA would report back in the next meeting on the way forward on any agreements with NGO's</p>	<p>M Sekwale</p>
<p>4.2</p>	<p>TEACHER CAPACITATION PROGRAMME</p> <p>Mr Moses Sekwale requested how far Necsa is with training of teachers and if they are capacitated enough to teach learners so that the programme run smoothly.</p> <p>Why did Ms Nickelwa Tengimfene promise to phone them, but no one contacted them? Always promises but in three years nothing has been done.</p> <p>Ms Futhi Nxumalo informed that Mr Clive Mokoena already committed to meet with the community and need to contact him directly.</p> <p>Mr Clive Mokoena informed that regarding teachers capacitation it is not Necsa's responsibility to train them but is influencing the curriculum. A curriculum trustee was set up by the GDE and NLA made their inputs. The influence did not change the curriculum, but enhanced and included issues that are related to nuclear technology in the form of activities. GDE is also training their own staff to that capacity.</p> <p>A community member requested that Necsa outline their social responsibility with the community, as it is not clearly defined. It will then tell the community what cannot be attained in the financial year as all goes back to finances.</p> <p>Another community member requested that Necsa should develop a database of NGO's asking training or assistance, an induction or workshop can then be held on issues that the NGO's have, it can minimise future demands and pressure from NGO's.</p>	<p>M. Sekwale</p>
<p>4.3</p>	<p>SAFETY SCOREBOARD</p> <p>Mr Malcolm Krishenlall informed that reports will be created and sent out, it has not been done as all findings have not been closed out yet. The QMS scorecard will be shared and as soon as the 14000 is ready it will also be shared.</p>	<p>M Krishenlall</p>

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4.4	<p>PUBLIC PROTECTOR REPORT</p> <p>Mr Thiagan Pather explained for background that sections of the community lay complaints against Necsa, they took it to the Public Protector a few years ago. The Public Protector evaluated it and produced a report. As indicated in the last meeting it is a public report available on the Public Protector's website, report No. 4 of 2018/2019. Relating to the issues, it is between the Public Protector and Necsa.</p> <p>A community member requested that Necsa contact the representatives of former employees. Four people passed away last year and was not compensated and they got sick from all the radiation at work. The community need the report to understand what the problems were and to understand. They could not find it online.</p> <p>Ms Nickelwa Tengimfene informed that the discussion last year made it quite clear that it was ex-employees that reported Necsa to the Public Protector so it is a Public Protector's report. The Public Protector asked Necsa to attend to four of the total number that was investigated. What Necsa agreed to was to refer people to the Public Protector's website but also put the report on the Necsa website but there was never a commitment to engage directly with the ex-employees.</p> <p>Ms Noxolo Kunene informed that Necsa have submitted reports to the Public Protector but have not received any feedback yet, Necsa did cooperate with the investigation</p>	
4.5	<p>CHAIRPERSON & DEPUTY CHAIRPERSON POSITION</p> <p>Mr Thiagan Pather informed that as indicated earlier the NNR did a public request for both Chairs. The process started early before the Chairs' terms ended, it was started in July 2019. It was indicated in the PSIF meeting in November 2019 that the process was started and nominations were received. As indicated earlier there is clearly a sense that some of the PSIF members were not fully aware of the process or had some misinterpretation of the process that NNR follow since its inception.</p> <p>This is not a forum that Necsa decided to have, but a legislature under the NNR Act. The main purpose of the NNR Act is for Necsa to communication to the public about the safety issues relating to their plant and emergency preparedness arrangements. Necsa needs to meet the outlined requirements, Necsa must follow the regulation and can add to it to engage and use the public forum for other discussions. The basis of the forum is for Necsa to discuss safety issues around Necsa and the implications to the public. When the current Chairperson's term comes close to an end the NNR will again publish a notice and will inform the PSIF that the notice has been put out. A process of the nominations is that an individual will nominate a person and this person needs to confirm acceptance of the position in the form of a formal document.</p> <p>Ms Nickelwa Tengimfene informed that reflecting to what might have happened is that when Mr Steven Brent's term came to an end the NNR had time to formally introduce a new Chairperson.</p>	NNR

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4.5	<p>Perhaps this did not happen as the nomination took longer, but in the previous cycle we had time to formally introduce the new Chairperson, and MS Futhi Nxumalo was only introduced today, this might be the cause of the lapse in terms of memory, also in terms of the process in previous meetings the process of the Chairperson and Deputy Chairpersons were discussed.</p> <p>Mr T Malatsi informed that there was not a problem with the person, the problem was with the process not followed, only the issue about the Deputy Chairperson was discussed, not the issue about the Chairperson. They never agreed to the process of the Chairperson as it was supposed to be started today. NNR said they only received two nominations and currently undergoing evaluation. The Chairperson and Deputy Chairperson should have been appointed today. NNR should have informed that the Chairperson's term ended and is open for nominations, must go to the NNR website and get nomination form. This is the transparency the community is unhappy about as the process of the Chairperson was not followed.</p> <p>Mr Joel Mphahla appealed to members to accept that the process did not go as expected and anticipated and if they find fault, what will they do with the fault? If they allow this process, will it not be repeated in future? They asked for date when this was advertised.</p> <p>Mr Siphon Tshabane raised a concern about the culture of writing Minutes, it seems like we attend and discuss Minutes like Necsa is in caucus, there is no action plan, it is his first time attending and he is confused to understand which direction we are taking as to the duty of Necsa to the public, requesting that Necsa introduce the procedures to the public on how things are done but it is not discussed. He requested that they be taken seriously as the public and represent the people. Ms Futhi Nxumalo requested that any suggestions be discussed under General.</p>	NNR
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Number	Minute	Responsible
5.	NECSA PRESENTATIONS 1. Mr Ayanda Myoli 2. MS Mologadi Kekana (acting for Ms Mosa Rasweswe and Mr Ruben Mogafe)	

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5.1.	DISCUSSIONS Question 1a: Ms Futhi Nxumalo As mentioned NTP is a cash cow for Necsa, what is the percentage contribution in terms of revenue from NTP towards Necsa? Answer 1a: Mr Ayanda Myoli It is approximately R 800 million The percentages to the group are Necsa at R1.3 billion in terms of revenue, Pelchem at R300 million, which brings NTP's contribution to about 33%, the contribution is double our grant. When Necsa projected its losses, the initial amount was R35 million. Necsa engaged with DMRE. Many SOE's are in financial distress, Necsa will come to them begging for money unless we give a turnaround plan. Financial distress is not forever and Necsa embarked on a	

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	<p>development strategy with the old Board. The old Board compiled a long term Necsa sustainable strategy. Necsa broke down our goals:</p> <p>1) Short term, end of the financial year. If you don't plan to be around at the end of this financial year, there is no sense for a long term plan.</p> <p>2) Medium term, focus on seven impact areas linked to our capabilities</p> <p>(2.1) medical diversity, in line with NTP, with the possibility to generate ideas</p> <p>(2.2) industrial application of nuclear technology, i.e. x-ray, can extend to non-destructive testing</p> <p>(2.3) Mineral or material beneficiation, i.e. fluorspar at Pelchem. Africa is full of minerals and we want to export these minerals</p> <p>(2.4) Nuclear waste, we store and allow to decay or recover usable parts i.e. uranium strips. Necsa have added a global footprint in terms of how we can manage nuclear waste. Radioactive material can be dangerous if not controlled, Necsa have the technology that we use with the IAEA (2.5) Clean energy, nuclear is considered clean energy as there are no CO² emissions from a nuclear plant. Necsa is involved in a project called LidAb6, which is an electrolyte used in battery technology. The DSI gave Necsa millions of rands to do more research to commercialise Pelchem as a building plant.</p> <p>(2.6) Nuclear manufacturing, Pelindaba Enterprises make nuclear components for the industry. We are the only entity that has ASME3 and ENSTEP for design in Africa. We are talking about enhancing our capability towards localization, greater localisation of any nuclear program. We are SoE that is able to localize.</p> <p>(2.7) Nuclear Safeguards, this is not an area that we expect to make money but is important for the organization as an oversight function to ensure peaceful use of nuclear for Necsa and Koeberg.</p> <p>When the new Board comes in, the plan will not be discarded, but be developed. It is our vision and becomes one vision to all.</p> <p><u>Question 1b: Mr T Malatsi</u></p> <p>There is concern regarding the issue of safety compliance of NTP, can the NNR confirm if NTP is now running 100%?</p> <p><u>Question 1c: Barbara</u></p> <p>When you say that you fill the gaps for other enterprises, do you have excess or do you store the excess if you don't fill gaps or where does your excess come from? To what extent can there be a gap?</p> <p>Answer 1c: Mr Ayanda Myoli</p> <p>In the medical isotope industry, the demand is always there. Mo-99 is produced through the reactor and if there is a problem or unplanned downtime the production causes disruption and production can't proceed which causes delays. We are part of the network of suppliers and must be able to contribute towards and ensure the increase reliability of our facilities contribution towards the availability of medical isotopes</p> <p><u>Question 1d: Barbara</u></p> <p>Is it only for South Africa or international?</p> <p>Answer 1d: Mr Ayanda Myoli</p> <p>It is a global market, our biggest revenue comes from overseas.</p> <p><u>Question 1e: Mr Joel Mphahla</u></p> <p>What is a multipurpose reactor?</p> <p>Answer 1e: Mr Ayanda Myoli</p>	
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	<p>The SAFARI reactor 55 years old, it is a material test reactor, and the main focus was as a research reactor. There are fundamentally two types of reactors: power reactors and research reactors. The intention of our reactor was for research. Over time there was development of technology to the extent that technology that the use of research reactors has now started to expand to contribute towards development of nuclear medicine. Nuclear started as arms, atomic bombs, etc. In similar development from nuclear weapons to nuclear energy further to nuclear technology. Now we have nuclear medicine so that people don't need to die from cancer. We can now take a blood sample and analyse it for early detection of cancer.</p> <p>A multipurpose reactor can be used for commercial production of medical isotopes in the same way it started in SAFARI. Scientists can still come and do research but can also be used for commercial purposes.</p> <p><u>Question 1f: Barbara</u> What is a rough idea of the cost of new reactor?</p> <p>Answer 1f: Mr Ayanda Myoli An estimate would be R6-9 billion. It is a small injection towards capital but also a project to be localised to stimulate our economy</p>	
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5.2	<p>NECSA COMMUNITY SERVICE FEEDBACK & SAFETY AND COMPLIANCE ISSUES</p> <p><u>Question 2a: Ms Futhi Nxumalo</u> Page 3 slide on the NNR report, 43 findings were received, elaborate overall on findings</p> <p>Answer 2a: Ms Mologadi Kekana Emergency exercise from NNR scenario 34 findings, overall in scenario</p> <p><u>Question2b: Ms Futhi Nxumalo</u> Necsa responding to emergencies, how is communication managed between Necsa and Madibeng?</p> <p>Answer 2b: Ms Mologadi Kekana The responsibility is Madibeng's for the community. The public also call Necsa, and Necsa will respond. If Madibeng is contacted and the capacity does not allow the shortage, Madibeng will contact Necsa for assistance as well. There is an emergency platform for engagement between Necsa and Madibeng.</p> <p><u>Question 2c: Mr Thabiso Malatsi</u> On the SHEQ Audit performance scorecard, the security service and service system management is still the same, was promised improvement but no improvement yet, also utility services is a worrying factor as it was rescheduled for the second time. NNR to give tough love, it seems like they are relaxing in terms of complying, which is a worrying factor. Feedback was promised</p> <p>Answer 2c: Ms Mologadi Kekana The concerns were not captured according to areas but according to objectives. Ms Kekana already archived the report and could not retrieve it</p> <p><u>Question 2d: Mr Joel Mphahla</u> Statutory training how many students how does the distributions work for future reference and brackets previous months</p>	

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	<p>Answer 2d: Mologadi Kekana Took note, but cannot promise feedback in the next PSIF as they will have to take the information back to NLA to see how the capturing is done and might have to include who are students and who are contractors and ask to make the information available. Must also remember that this is people who come onto Necsa site and do work.</p> <p><u>Question2e: Ms Futhi Nxumalo</u> SHEQ audit what is good and what is current target? When is good or bad?</p> <p>Answer 2e: Mologadi Kekana The target is 80, when it is below there is a need for intervention and support, perhaps in a particular area where they are not performing well.</p> <p><u>Question 2f: Barbara</u> Emergency exercise slide 4 relevant hospitals in case of serious emergencies, do these hospitals undergo regular training or audits? Is Brits District Hospital or the surrounding hospitals prepared in terms of radiation emergencies?</p> <p>Answer 2f: MS Mologadi Kekana We have agreement with certain hospitals in terms of nuclear and chemical emergencies. There is an agreement in terms of nuclear with Steve Biko and Meulmed hospitals, and in terms of chemical Millpark. They undergo regular training and participate in Necsa's emergency exercises. These are the 3 main hospitals that have been evaluated to handle major incidents relating to specific exposures that might possibly take place on the Necsa site.</p> <p><u>Question2g: Barbara</u> How big is the radius where the hospitals are situated?</p> <p>Answer 2g: Ms Mologadi Kekana All hospitals are in Gauteng, in terms of all hospitals follow the correct protocol during an emergency and fly the patient there.</p> <p><u>Question2h: Mr Jabu Ngwena</u> Any feedback regarding Atteridgeville? Only hear about Madibeng but not Tshwane</p> <p>Answer 2h: Necsa is in Madibeng and therefore the first municipality that will take responsibility is Madibeng and as part of our contingency Necsa has an agreement with Tshwane as well. Atteridgeville falls in the radius, which includes Tshwane</p> <p><u>Question2i: Mr Jabu Ngwena</u> Should there not be more engagement with the community regarding safety, Atteridgeville is growing and moving closer to Necsa.</p> <p>Answer 2i: Necsa does not go into the community and talk to them, we engage with the municipality disaster management centers, the responsibility for the communities remain with the municipalities. They support the locals and Necsa on our emergency plan. Tshwane is included because Atteridgeville fall within the 5km radius and therefore takes a piece of Tshwane. Regarding the matter of Atteridgeville getting closer to Necsa is a Tshwane issue and a national key point issue to say which part of national key point would be secure for Necsa for people not to get too close and is something that should be discussed at DMRE</p>	
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	<p>level. It is a fact that if Atteridgeville gets too close to Necsa we need to consider the impact on the community.</p> <p><u>Question 2j: Ms Futhi Nxumalo</u> On that point, does Necsa have a similar MoU with Tshwane than it does with Madibeng?</p> <p>Answer 2j: Ms Mologadi Kekana Yes, it is actually a MoA with Tshwane with a planned engagement this March to visit Tshwane.</p> <p>Answer 2j: Ms Noxolo Kunene The PSIF project is not only Necsa's so it is often not easy to share everything we do as Necsa in regards to emergency preparedness. The other committee that needs to be mentioned is the Necsa Emergency Planning Committee which is a standing committee where entities like North West and Tshwane representative at preparedness levels disaster management centers and for a few months now also housing and development attends for the mentioned reason. For an emergency point of view Necsa can't go to the community to tell them to stop building, this is where we need to respect the different departments with different roles to come together, but it is an issue to be discussed by the relevant departments to manage social development, those discussions do take place outside.</p>	
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8.	<p>NRR UPDATE</p> <p>1. <u>NTP</u> Mr Thiagan Pather informed that there were miscommunication and or that NNR apologises as the public had certain expectancies, as we go forward it will be amended. Mr Malatsi looked at the Necsa presentation and indicated Necsa not doing various aspects NNR not operate plant, main focus on safety lie with nuclear, when NNR regulate as nuclear regulator they don't operate the plants. Permission is granted and have very clear requirements in terms of conditions of license as well as regulations of what needs to be done. Included in the Act is that Necsa must have self-inspection program. Whether the NNR comes to inspect or not, Necsa must inspect themselves and fix things that they find wrong before NNR come in, Necsa should not only do things right because NNR are policemen chasing after them, they must be good citizens in terms of having proper safety culture and security culture. The financial year starts 1 April and the NNR them is busy drawing up inspection schedules for the next financial year, one of the key things to be looked at is a stronger focus point than the previous years, typically with safety culture and security culture and looking into those issues.</p> <p>The NNR also have a fresh concern recognizing the financial dilemmas that Necsa is facing. They were concerned early last year when the Auditor General's report came out with the renewed concerns at the beginning of this year with newspaper articles of Necsa would not be able to pay its salaries. Without salaries, how would Necsa manage safety? A letter was written to Mr Myoli detailing commitments expected from Necsa, Mr Myoli has until 13 March 2020 to respond to the letter. Necsa need to inform NNR assurance of the plans to be put in place to ensure that they act in the interest of safety.</p> <p>NTP generally has good compliance, it was a serious concern for the Regulator. In the one hand it is a cash cow for Necsa, but on the other hand they have not operated safely and as the Regulator will not allow NTP to continue. This is the reason for the</p>	

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	<p>interventions over the past couple of years. Since the last meeting there were generally good compliance, however at the end of February there was an issue relating to contamination, and Necsa had to reevaluate it. The issue was related to the department where the final dispatching of the product is done. No person was exposed, but as a regulator, action is taken at the point where they see things going wrong, rather than waiting to have a disaster. Necsa investigated it and the report was submitted to NNR and will engage with Necsa in terms of it. In terms of operations NTP has been operating within the confines of the license NNR issued.</p>	
2.	<p><u>Thabana Pipe Store Extension</u></p> <p>There was a brief discussion in terms of the Thabana Pipe store and the expansion. As discussed in the previous meeting there will be an engagement driven by the NNR. The expansion requires an amendment to the license issued by the NNR and they gave a commitment to the public to be transparent when licenses are changed or allowing additional activities within facilities. Necsa was requested to provide NNR with a public information document which will be a briefing document to give the public information about it. NNR must still supply NNR with the document, and once received the NNR will make the document publicly available and the process would be to request written comments on the document. The comments will considered as NNR process the document further.</p>	
3.	<p><u>Multi-purpose Reactor (MPR)</u></p> <p>The multi-purpose reactor that was discussed in the previous meeting is still in a conceptual phase and NNR has not received any application in terms of that. There are no formal activities, however DMRE were requested to inform of the requirements in terms of the safety assessment for public engagements.</p>	
4.	<p><u>Nuclear Liability Insurance</u></p> <p>The corrections made in the Minutes relating to the nuclear liability insurance, the quantum have been substantially increased and comes into effect on 1 April so NNR is awaiting Necsa's confirmation that they have the necessary insurance in place. NNR will have a meeting with Necsa's u=insurers next week, they have an annual meeting with all insurance companies to make sure that they are on board involving regulation.</p>	
5.	<p><u>Emergency Exercise</u></p> <p>When the NNR plan the Emergency exercise they look at a number of objectives in terms of this. They look at Necsa's activities in the ECC, availability of resources needed to manage the event on-site, i.e. number of RPO's, security officers, and how they take the actions. Actions done like mustering and how effectively Necsa does it. From time to time NNR will monitor the evacuation of people from site. The requirements in terms of the emergency plan is that Necsa does not do it alone. The moment employees go out the gate, the municipalities get involved because of the responsibility of protecting people outside Necsa's property in that of the municipality. For this particular site the first impact is Madibeng and sub-areas of Tshwane. Necsa, Madibeng and Tshwane signed a MoA as explained by Mologadi, NNR test aspects relating to that, such as the activation of the Madibeng Disaster Management Centre, do they get the necessary information from Necsa, as the type of emergency and of what is expected of Madibeng. Madibeng will implement roadblocks, a mass care center to accommodate large numbers of people to be evacuated because of the emergency. Some of the NNR findings and observations will relate to the activities in the center, others relate to the functionaries at Madibeng, such as contact with police to implement roadblocks, and give communication to people. This is to prevent people coming into the area. All offsite action is coordinated from within the Madibeng Disaster Centre. Look at the Mass Care</p>	

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	<p>Centre itself, is there such a venue available and properly staffed, can the functionaries get to the venue in sufficient time to account for the people that are arriving. At the end of the exercise a simulated media briefing was done, as Necsa needs to get messages out. As part of the exercise there were two patients that were radioactively contaminated and suffered injuries that warranted medical attention. This tested if hospitals are ready to receive patients' and doctors' availability. There was communication with radio stations to get the message out, Necsa needs to have predefined agreements with the radio stations. Information needs to be managed to give people the correct information.</p> <p>The full corrective action plan was expected on 14 February, Necsa came back with a draft plan, wanting to further engage to properly understand and received it late last night. In the past Necsa has given feedback regarding their actions. As Mologadi mentioned Necsa and Madibeng is able to manage an emergency should there be one. There were areas for improvement.</p> <p><u>Question 1: Mr Moses Seloane</u> In a previous discussion he asked if there is anything NNR can do to develop young people when doing an inspection, to develop their skills of inspection with the NNR, or does NNR not have social responsibility from their side.</p> <p>Answer 1: Mr Thiagan Pather NNR does have a social responsibility and encourage the community to contact the NNR's corporate support services to see Mr Mogorosi who had to leave the meeting early, his manager is Mr Gino Moonsamy. The NNR number is 012 674 7100, this is the switchboard and the caller can ask for Mr Moonsamy and engage with him.</p> <p>Unfortunately NNR's inspection activities is a legal requirement, with a certain level of expertise and certain legal obligations that goes with that. NNR is not allowed to include anybody else in their inspection, they will not able to assist with that. NNR does have a lot of corporate social responsibility with schools programs and educational activities.</p> <p>Sometimes the communities get confused, the NNR is a regulator and is responsible for inspecting assessing and granting approval. The NNR is not responsible for promoting, therefore do not have facilities like Necsa has where people can be invited to visit. There have been engagements in Atteridgeville with Mr Mogorosi and his team. Part of Necsa's responsibilities are to interact with the public. NNR does not promote nuclear but will give advice if you plan on doing it, on how to implement it safely and they stop there. It places certain limitations on what they can and cannot do, they need to remain independent of the operators.</p> <p><u>Question 2: Ms Futhi Nxumalo</u> When is the next planned regulatory exercise?</p> <p>Answer 2: Mr Thiagan Pather It is run roughly every 18 to 24 months, during the course of this year, the regulatory emergency exercise will take place for the Koeberg Power Station and next another will be done at Necsa. In between Necsa runs six exercises throughout the year on their own, they plan it, NNR sometimes come in and observe</p> <p><u>Question3: Ms Futhi Nxumalo</u> Are Necsa's exercises only on-site or are they similar to the NNR exercise?</p>	
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	<p>Answer 3: Mr Thiagan Pather</p> <p>It varies, but is typically shorter than the NNR exercise is a composite of everything. Necsa will sometimes test on-site, sometimes off-site and sometimes a combination. It varies in terms of what they do and is part of how they evaluate themselves.</p>	
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Number	Minute	Responsible
9.	<p>MEETING DATES FOR THE CURRENT YEAR</p> <p>According to legislation Necsa must have one meeting every quarter, from 1 April 2020 to 31 March 2021, Necsa work according to our financial year.</p> <p>The dates will not fall within school or public holidays.</p> <p>The meeting dates for the next financial year will be:</p> <ul style="list-style-type: none"> - 6 June 2020 - 29 August 2020 - 21 November 2020 - 6 March 2021 	

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10.	<p>GENERAL</p> <p>Benny introduced himself as it is his first time attending the PSIF. He is an engineer by profession and have been reading about Necsa and see that it is a big company, but he wants to express his disappointment on issues like the Chairperson being elected without the community's consent and the report back thereof. The education specialist indicated out of 500 000 people on 15 were brought to Necsa and only managed to take four students to Danville College. Some transparency is not taking place and some people are not taking accountability. His comrade indicated that he came to Necsa twice a week and did not find anything to help him, indicating that the previous Chairperson did nothing but enjoy to sit in his chair. HE did not bother to go to people and help them.</p> <p>The communication forward should be clear to the people and for the relevant people whereby Necsa give the correct information, the leaders must be able to discuss with the community and give the multitude information that is relevant.</p> <p>The multitude of people in Atteridgeville are poor and they only hear Necsa talk about Madibeng, but 90% of the people here comes from Atteridgeville and they need to go inside Necsa and know what Necsa is and without knowing the information of Necsa what will they tell the community. They will not be able to say anything good about Necsa because they don't know what Necsa is.</p> <p>The Chairperson should engage with the community to come to visit Necsa and discuss, as he thinks Necsa is not giving the community feedback and they are not doing a favor to Necsa as a community. He appealed to the Chairperson to discuss the burning issue of the community to hear what Necsa is willing to do to help so that the leaders can give feedback.</p> <p>Ms Futhi Nxumalo suggested an overview slide on what Necsa is all about in the next meeting so that all are on the same page, it should include the role of Necsa, why we here</p>	

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	<p>and what are the objectives and from there the community can start learning things. And how NNR fit into the role of Necsa, as well as the role of the PSIF and its members.</p> <p>Mr Thiagan Pather indicated that he is getting the sense that the community is looking for a much deeper engagement, he does not think the slide will satisfy the forum, he would like to suggest between Necsa Corporate Communication and the community leaders have an engagement. Necsa is in dire financial constraints and the community at the same time is looking for more activities, they should in the confines of that meeting come up with a strategy of what the community as well as Necsa can offer in a fair amount of time.</p> <p>Ms Futhi Nxumalo suggested that the engagement take place after the presentation as it will unpack the broader method of Necsa and how Necsa and the community should feed off each other when discussions are happening the community will have a base as to the type of engagements they are looking for into the type of business Necsa are doing.</p> <p>Mr Malcolm Krishenlall agreed that people do not know what we are doing, a lot of people on site come from Atteridgeville. There are a lot of students from Atteridgeville and statistics on this should be published.</p>	
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Number	Minute	Responsible
11.	<p>The date of the next meeting will take place on Saturday, 6 June 2020.</p> <p>The Chairperson thanked all present and adjourned the meeting at 12h30</p>	

Chairman _____

Seconder: _____

Signature _____

Signature: _____

Date: _____

Date: _____