

s22

From: Usher, Sam
Sent: Friday, 2 June 2023 8:17 AM
To: s22 Lindsay, Jodie; s22
 @defence.gov.au>; s22
Cc: s22 Crawshaw, Matthew
Subject: RE: FOR REVIEW: Defence Review Chapter - Proposed skeleton structure
 [SEC=PROTECTED]
Attachments: Defence Review Estate Chapter Proposed skeleton structure.docx

s22

I have updated (attached) and will use this as a basis for my discussion with Steve G later today.

Thank you
 Sam

From: s22 @industry.gov.au>
Sent: Thursday, 1 June 2023 11:07 AM
To: Usher, Sam s22 @industry.gov.au>; Lindsay, Jodie s22 @industry.gov.au>; s22
 s22 @defence.gov.au> s22 @defence.gov.au>; s22 @industry.gov.au>
Cc: s22 @industry.gov.au>; Crawshaw, Matthew s22 @industry.gov.au>
Subject: RE: FOR REVIEW: Defence Review Chapter - Proposed skeleton structure [SEC=PROTECTED]

Note: updated to provide additional context.

From: s22
Sent: Thursday, 1 June 2023 9:25 AM
To: Usher, Sam s22 @industry.gov.au>; Lindsay, Jodie s22 @industry.gov.au>; s22
 <s22 @defence.gov.au> <s22 @defence.gov.au>; s22 @industry.gov.au>
Cc: s22 @industry.gov.au>; Crawshaw, Matthew s22 @industry.gov.au>
Subject: RE: FOR REVIEW: Defence Review Chapter - Proposed skeleton structure [SEC=PROTECTED]

Good morning Sam,

s47E(d)

Kind regards,

s22 | Assistant Manager | Radioactive Waste Policy
 P: s22 | E: s22 @industry.gov.au
 Ngunnawal Country, Industry House, Canberra ACT

From: Usher, Sam s22 @industry.gov.au>
Sent: Thursday, 1 June 2023 9:00 AM
To: s22 <s22 @industry.gov.au>; Lindsay, Jodie s22 @industry.gov.au>;
 s22 @defence.gov.au> <s22 @defence.gov.au>; s22 @industry.gov.au>
Cc: s22 @industry.gov.au>; Crawshaw, Matthew s22 @industry.gov.au>
Subject: RE: FOR REVIEW: Defence Review Chapter - Proposed skeleton structure [SEC=PROTECTED]

s22

s47E(d)

Thank you
Sam

s22

s47C; s47E(d)

s22

From: s22 @defence.gov.au>
Sent: Friday, 9 June 2023 12:43 PM
To: Usher, Sam; Lindsay, Jodie
Subject: RE: Deputy Prime Minister; Prime Minister and Minister King Meeting
~~[SEC=PROTECTED]~~

PROTECTED

Thanks for the feedback Sam.

Once it is cleared, may I have a copy of the brief (anytime next week) for my record and learning, if appropriate?

s22

s22
s47E(d)
Department of Defence

P: s22
E: s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: Usher, Sam s22 @industry.gov.au>
Sent: Friday, 9 June 2023 12:57 PM
To: s22 @defence.gov.au>; Lindsay, Jodie s22 @industry.gov.au>
Subject: RE: Deputy Prime Minister; Prime Minister and Minister King Meeting [SEC=PROTECTED]

Thank you s22 very much. The meeting is now on Monday 19th I believe. I have updated the brief and cleared for the MO.

s47C

Thank you for your help
Sam

PROTECTED

From: s22 @defence.gov.au>
Sent: Friday, 9 June 2023 9:37 AM
To: Usher, Sam s22 @industry.gov.au>; Lindsay, Jodie s22 @industry.gov.au>
Subject: RE: Deputy Prime Minister; Prime Minister and Minister King Meeting [SEC=PROTECTED]

PROTECTED

Hi Sam,

Attached is proposed draft meeting brief for Minister King's meeting next week.

Regards,
s22

s22
s47E(d)
Department of Defence

P: s22
E: s22 defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22
Sent: Thursday, 8 June 2023 4:21 PM
To: 'Usher, Sam' s22 @industry.gov.au; Lindsay, Jodie s22 @industry.gov.au
Subject: RE: Deputy Prime Minister; Prime Minister and Minister King Meeting [SEC=PROTECTED]

PROTECTED

Hi Again Sam and Jodie,

I haven't shared this meeting with Matt Crawshaw/DISR Policy Team, s47E(d)

:

Purpose

1. To meet with the Prime Minister and Minister for Resources to discuss the review for the management of radioactive waste from the nuclear-powered submarine program.

Meeting Details

Date	13 June 2023
-------------	--------------

Key Issues

2. Defence has established a whole-of-government review team to provide advice to Government by the end of 2023 on a process to determine potential locations for the storage and disposal of intermediate- and high-level waste, including spent fuel.
 - a. The expertise of the Australian Radioactive Waste Agency (ARWA) has been central to the review team's work, including advice on international best practice.
3. s47C, 47E(d)

4.

Background

- 5. Australia will manage all radioactive waste from the Australian nuclear-powered submarine program. There are two main categories of waste: operational, low-level, waste, which will be managed at defence locations until a suitable disposal option is made available, and intermediate and high-level waste, including spent nuclear fuel, which will be stored and disposed on the current or future Defence estate.
- 6. While facilities for storage and disposal of intermediate- and high-level waste won't be required until the 2050s, it is important to get work underway in the near term. International experience suggests the site selection process takes decades. Finland and Sweden, the two most advanced countries, took around 20 years to finalise their site selection work.

Sensitivities: Yes

7. s47C, s47E(d)

8.

9. s47C

10.

s22
s47E(d)
Department of Defence

P: s22
E: s22 [@defence.gov.au](mailto:s22@defence.gov.au)

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22
Sent: Thursday, 8 June 2023 3:50 PM

To: 'Usher, Sam' s22 @industry.gov.au>; Lindsay, Jodie s22 @industry.gov.au>
Subject: Deputy Prime Minister; Prime Minister and Minister King Meeting [SEC=PROTECTED]

~~PROTECTED~~

Hi Sam and Jodie,

I've just learned that the DPM, PM and Min King will be meeting s47E(d) particular Steve Grzeskowiak's review.

– in

s47C

s22

s22
s47E(d)
Department of Defence

P: s22
E: s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

~~PROTECTED-CABINET~~

Suggested ARWA brief for Minister King's meeting with the Prime Minister and Deputy Prime Minister

Meeting Details

Date	13 June 2023
Time	TBC

Purpose

1. To meet with the Prime Minister and Deputy Prime Minister (and Minister for Defence) to discuss the management of radioactive waste from the nuclear-powered submarine program.

Key Issues

2. Following the announcement of the optimal pathway in March, Defence has established a whole of Australian government review team to provide advice to Government by the end of 2023 on a process to determine potential locations for the storage and disposal of intermediate- and high-level waste, including spent nuclear fuel, emerging from the nuclear-powered submarine program.
 3. The Australian Radioactive Waste Agency's (ARWA's) participation was referred to in the public announcement and has been providing technical and policy support to the review.
 4. Mr Sam Usher, CEO ARWA, has had regular meetings with Chair of the Defence review, Mr Steve Grzeskowiak to help guide the review.
 - a. These meeting have been positively received.
- s47C, s47E(d)

5.

6.

Background

7. Australia will manage all radioactive waste from the Australian nuclear-powered submarine program. There are two main categories of waste:

~~PROTECTED-CABINET~~

~~PROTECTED: CABINET~~

- a. operational low-level waste, which the Deputy Prime Minister has said publicly will be *stored* at defence locations until a suitable disposal option is made available. s47C, s47E(d)
 - b. end-of-submarine-life 'higher activity' radioactive waste, (intermediate and high-level waste, including spent nuclear fuel), which the Deputy Prime Minister has indicated will be stored and disposed on the current or future Defence estate.
8. While facilities for storage and disposal of intermediate- and high-level waste will not be required until the 2050s, it is important to commence this work in the near term. International experience suggests the site selection process takes decades. Finland and Sweden, the two most advanced countries, took around 20 years to finalise their site selection work.
 9. An overview of the radioactive waste lifecycle and implications of defence wastes is at Attachment A.

Current Authorities

10. ARWA is responsible for providing Government advice on radioactive waste management and progressing the NRWMF at Kimba for the disposal of low-level radioactive waste, and the interim storage of non-defence intermediate-level radioactive waste. The NRWMF is not suitable for intermediate or high-level waste disposal.
11. s47C, s47E(d)

Sensitivities:

12. s47C, s47E(d)

13.

~~PROTECTED: CABINET~~

~~PROTECTED-CABINET~~

s47C, s47E(d)

- a. This approach is in line with current public statements that *storage* will be on Defence sites, and disposal pathway as yet not decided.
 - b. s47C, s47E(d)
 - c.
14. Public announcements on the review (and waste management in general) will generate significant media and public interest, s47C, s47E(d)

Attachments:

- A: Radioactive Waste Lifecycle and Implications of Defence Wastes

~~PROTECTED-CABINET~~

s22

From: s22 @defence.gov.au>
Sent: Thursday, 22 June 2023 3:21 PM
To: Usher, Sam
Subject: RE: No feedback from Minister's Meeting [~~SEC=PROTECTED~~]

~~PROTECTED~~

Hi Sam,

Feedback from Steve Grzeskowiak' and s22 meeting with the DPM's office is that:

- s47C, s47E(d)
-

No real surprises from what we currently knew.

s22

s22
s47E(d)
Department of Defence

P: s22
E: s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22
Sent: Thursday, 22 June 2023 2:15 PM
To: 'Usher, Sam' s22 @industry.gov.au>
Subject: RE: No feedback from Minister's Meeting [~~SEC=PROTECTED~~]

~~PROTECTED~~

Still nothing from the DPM or DPMC to the Taskforce. They are wondering if you have heard anything?

Steve Grzeskowiak s47C, s47E(d)

s22
s47E(d)
Department of Defence

P: s22
E: s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22
Sent: Wednesday, 21 June 2023 1:43 PM
To: Usher, Sam s22 <s22@industry.gov.au>
Subject: No feedback from Minister's Meeting [SEC=PROTECTED]

~~PROTECTED~~

Hi Sam,

I've enquired, and the Taskforce hasn't received feedback from the Ministerial meeting on Monday.

They are reaching out to DPMC who were the 'third party' in the room to get their readout... I'll let you know.

s22

s22
s47E(d)
Department of Defence

P: s22
E: s22 <s22@defence.gov.au>

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

s22

From: s22 <[REDACTED]@defence.gov.au>
Sent: Friday, 10 November 2023 9:15 AM
To: Usher, Sam; s22 <[REDACTED]@defence.gov.au>; Fortanier, Amanda; s22 <[REDACTED]@defence.gov.au>;
 s22 <[REDACTED]@defence.gov.au>; Lindsay, Jodie; s22 <[REDACTED]@defence.gov.au>
Cc: Weaver, Mark
Subject: RE: FOR COMMENT (1pm ADL time Fri 10 Nov): Defence Estate Review draft report
 [SEC=PROTECTED, CAVEAT=SH:CABINET]
Attachments: Waste Lifecycle.docx

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

~~PROTECTED CABINET~~

Hi Sam,

I've shared with s22 <[REDACTED]@defence.gov.au> my comments on the report – up to Ch 6 with the view they could integrate into the ARWA response. I'll work on the remainder of the report today.

s47C, s47E(d)

Regards,
 s22

s22
 s47E(d)

Stewardship and Security Division | Nuclear Stewardship Branch | Radioactive Waste
 Australian Submarine Agency
 P s22 <[REDACTED]@defence.gov.au> | M s22 <[REDACTED]@defence.gov.au> | E s22 <[REDACTED]@defence.gov.au>

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: Usher, Sam s22 <[REDACTED]@industry.gov.au>
Sent: Friday, 10 November 2023 9:30 AM
To: s22 <[REDACTED]@industry.gov.au>; s22 <[REDACTED]@industry.gov.au>;
 Fortanier, Amanda s22 <[REDACTED]@industry.gov.au>; s22 <[REDACTED]@industry.gov.au>;
 s22 <[REDACTED]@industry.gov.au>; Lindsay, Jodie s22 <[REDACTED]@industry.gov.au>; s22 <[REDACTED]@industry.gov.au>;
 s22 <[REDACTED]@industry.gov.au>; s22 <[REDACTED]@industry.gov.au>;
 s22 <[REDACTED]@defence.gov.au>
Cc: Weaver, Mark s22 <[REDACTED]@industry.gov.au>
Subject: RE: FOR COMMENT (1pm ADL time Fri 10 Nov): Defence Estate Review draft report [SEC=PROTECTED, CAVEAT=SH:CABINET]

Thank you s22

Please find enclosed comments from me, and also s22 included on mine. s47C, s47E(d)

I am sure we can offer next week to provide more input with the Defence team to work with them to refine this part?

s47C, s47E(d)

Thank you all for your help, the paper is definitely getting closer, the above points are important too!

Sam

PROTECTED//CABINET

From: s22 @industry.gov.au>
Sent: Wednesday, 8 November 2023 5:07 PM
To: s22 @industry.gov.au>; Fortanier, Amanda s22 @industry.gov.au>;
s22 @industry.gov.au>; s22 @industry.gov.au>; Lindsay, Jodie
s22 @industry.gov.au>; s22 @industry.gov.au>; s22 @industry.gov.au>
Cc: Weaver, Mark s22 @industry.gov.au>; Usher, Sam s22 @industry.gov.au>
Subject: FOR COMMENT (1pm ADL time Fri 10 Nov): Defence Estate Review draft report [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

Good afternoon all,

s47C, s47E(d)

Could you please provide any tracked 'red line issue' comments by **Friday 10 Nov, 1pm (ADL time)**.

s47C, s47E(d)

Thanks again for all your help in reviewing these - it is greatly appreciated.

Kind regards,

s22 | Assistant Manager | Radioactive Waste Policy
P: s22 | E: s22 @industry.gov.au
Department of Industry, Science and Resources

PROTECTED//CABINET

From: s22 @industry.gov.au>
Sent: Tuesday, 24 October 2023 6:19 PM
To: Fortanier, Amanda s22 @industry.gov.au>; s22 @industry.gov.au>; Lindsay, Jodie s22 @industry.gov.au>; s22 @industry.gov.au>; s22 @industry.gov.au>
Cc: Usher, Sam s22 @industry.gov.au>; Weaver, Mark s22 @industry.gov.au>
Subject: For comment (COB wed 25 Oct): Defence Estate Review draft report [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

Hello

s47C, s47E(d)

s47C, s47E(d)

s47C, s47E(d)

Please let me know if you have any questions – I have added some background below for info.

Background

s34(2)

s47C, 47E(d)

Kind regards

s22

s22 | Manager | Radioactive Waste Policy
s22 [@industry.gov.au](mailto:industry.gov.au)
Ngunnawal Country, Industry House, Canberra ACT

~~PROTECTED//CABINET~~

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s22

From: s22 @defence.gov.au>
Sent: Friday, 10 November 2023 2:58 PM
To: s22
Cc: Weaver, Mark; Usher, Sam
Subject: RE: s22 Comments on Review Report [SEC=PROTECTED, CAVEAT=SH:CABINET]
Attachments: 20231106 s22 - Clean s2 Comments #2.docx

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

~~PROTECTED CABINET~~

Hi s22 ,

Please find attached my complete review of the report.

Regards,
s22

s47E(d)

Stewardship and Security Division | Nuclear Stewardship Branch | Radioactive Waste
 Australian Submarine Agency
 P s22 [@defence.gov.au](mailto:s22@defence.gov.au)

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22
Sent: Thursday, 9 November 2023 5:21 PM
To: s22 @industry.gov.au>; s22 @industry.gov.au>
Cc: s22 @defence.gov.au>; 'Usher, Sam MR' s22 @industry.gov.au>
Subject: s22 Comments on Review Report [SEC=PROTECTED, CAVEAT=SH:CABINET]

~~PROTECTED CABINET~~

Hi s22 ,

I've attached my tracked comments on the version of the Review Report that was shared with agencies earlier in the week.

I've only reviewed up until the s47E(d) further commons to you.

I will look at it again tomorrow and get

I've heard two due dates for agency feedback to back with the ASA - yesterday I heard it was Monday (13th), today in the IDC I heard it was the 16th.

Regards,
s22

Director
s47E(d)

Stewardship and Security Division | Nuclear Stewardship Branch | Radioactive Waste
Australian Submarine Agency



Australian Government
Australian Submarine Agency

P s22

s22@defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s22

From: Weaver, Mark
Sent: Tuesday, 14 November 2023 9:09 AM
To: Blix, Sophia MS
Cc: s22 Sander, Mark CDRE; s22
s22 ; Usher, Sam; s22
Subject: RE: For action by COB today: ARWA comments on Defence Estate Review report
[SEC=PROTECTED, CAVEAT=SH:CABINET]
Attachments: s47E(d) for Radioactive Waste Management Facilities s22 comments 081123.pptx

Good morning Sophia

Attaching the s47E(d) with s22 s comments this time. I understand s22 reviewed this before the report so some of the comments are reflected in the report with proposed text. Some of the other comments relate to s47E(d) . As per my earlier note, we are happy to arrange access to relevant leads to help with the next draft.

Kind regards

Mark

PROTECTED//CABINET

From: Weaver, Mark
Sent: Monday, 13 November 2023 6:44 PM
To: Blix, Sophia MS s22 @defence.gov.au>
Cc: s22 @defence.gov.au>; Sander, Mark CDRE
s22 @defence.gov.au>; s22 @defence.gov.au>; s22
s22 @industry.gov.au>; s22 defence.gov.au>; Usher, Sam
s22 @industry.gov.au>; s22 @industry.gov.au>
Subject: FW: For action by COB today: ARWA comments on Defence Estate Review report [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

Hi Sophia,

Thank you again for the opportunity to comment on the report.

We have again tried to provide constructive feedback, the focus this time largely on technical comments and edits. See tracked in the attached.

From a technical perspective, there are a number of comments/edits made in the report which will need to be reflected/updated in the one-page PowerPoint. We are happy to make our technical leads available to work with your team directly to support progressing the report in tight timeframes.

I note we will keep working closely on the proposals for the s47E(d)

Lastly, our CEO is keen to include recognition of the agency more broadly in the covering letter, noting the work goes beyond his office.

Thanks

Mark

Mark Weaver
General Manager
Policy, Governance and Strategy Branch
Australian Radioactive Waste Agency

Mobile s22
Internet www.industry.gov.au/arwa
Department of Industry, Science and Resources
ABN 74 599 608 295



**Australian
Radioactive
Waste Agency**

'The agency acknowledges the traditional owners of the country throughout Australia and their continuing connection to the land, sea and community. We pay our respect to them and their cultures and to the elders past and present.'

PROTECTED//CABINET

From: Blix, Sophia MS s22 @defence.gov.au>
Sent: Monday, 6 November 2023 5:52 PM
To: s22 @finance.gov.au; s22 @finance.gov.au; s22 @ag.gov.au;
s22 @ag.gov.au; s22 @dfat.gov.au; s22 @dfat.gov.au; s22 @dfat.gov.au;
s22 @dfat.gov.au; s22 @dfat.gov.au; s22 @protected.environment.gov.au;
s22 @Protected.Health.gov.au; s22 @Protected.Health.gov.au; s22
s22 @industry.gov.au>; s22 @industry.gov.au>; Weaver, Mark
s22 @industry.gov.au>; s22 @protected.arpansa.gov.au; s22 @ansto.gov.au;
s22 @dewr.gov.au; s22 @dewr.gov.au; s22 @ag.gov.au; s22
s22 @pmc.gov.au>
Cc: Sander, Mark CDRE s22 @defence.gov.au>; s22 @defence.gov.au>;
s22 @defence.gov.au>; s22 pmc.gov.au>
Subject: Regulation and Waste IDC - Draft paper for consultation [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

PROTECTED CABINET

All

Ahead of the Regulation and Waste IDC scheduled for Thursday, 9 November 2023, please see attached the draft review to inform the decision-making process to identify locations in the current or future Defence Estate suitable for the storage and disposal of intermediate and high-level radioactive waste, including spent fuel, generated by Australia's nuclear-powered submarines.

This document is in DRAFT form only – we welcome your comments and suggestions. Given the sensitivities, I would be grateful if you could please limit redistribution without further consultation with my team or CDRE Mark Sander.

I'd be very happy to discuss in advance of Thursday's meeting as required, otherwise, I look forward to the discussion in the room. We would also welcome written comments, ideally by NLT than COB Monday, 13 November.

Kind regards

Sophia

Sophia Blix

Assistant Secretary

Strategy, Policy and Engagement Division | Non-Proliferation and Safeguards

Australian Submarine Agency

 s22

|  +s22

|  s22

| [@defence.gov.au](mailto:s22@defence.gov.au)

I will sometimes write or respond to emails in the evenings or at the weekends to manage my inbox and do not expect a response outside of core office hours.

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

PROTECTED//CABINET

s22

From: Weaver, Mark
Sent: Friday, 17 November 2023 10:54 AM
To: s22 Blix, Sophia MS
Cc: s22 Sander, Mark CDRE; s22 ;
 s22
Subject: RE: For action by COB today: ARWA comments on Defence Estate Review report
 [SEC=PROTECTED, CAVEAT=SH:CABINET]

Hi s22

Thanks for sharing the latest draft. We look forward to continuing to work with you on the report.

Cheers

Mark

Mark Weaver
 General Manager
 Policy, Governance and Strategy Branch
 Australian Radioactive Waste Agency

Mobile s22
 Internet www.industry.gov.au/arwa
 Department of Industry, Science and Resources
 ABN 74 599 608 295



Australian Government
 Department of Industry,
 Science and Resources

Australian
 Radioactive
 Waste Agency

'The agency acknowledges the traditional owners of the country throughout Australia and their continuing connection to the land, sea and community. We pay our respect to them and their cultures and to the elders past and present.'

PROTECTED//CABINET

From: s22 @defence.gov.au>
Sent: Thursday, 16 November 2023 3:44 PM
To: Weaver, Mark s22 @industry.gov.au>; Blix, Sophia MS s22 @defence.gov.au>
Cc: s22 @defence.gov.au>; Sander, Mark CDRE
 s22 @defence.gov.au>; s22 @industry.gov.au>; s22
 s22 @defence.gov.au>; s22 industry.gov.au>; s22
 s22 @defence.gov.au>
Subject: RE: For action by COB today: ARWA comments on Defence Estate Review report [SEC=PROTECTED, CAVEAT=SH:CABINET]

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

PROTECTED CABINET

Hi Mark,

Thanks for the comments you provided earlier this week. Please see attached the latest draft that will be circulated for discussion at a AUKUS Band 3 IDC meeting next Monday (agenda attached). I understand Sam Usher, CEO ARWA, is on the distro list.

We've sought to include comments and edits as suggested, or re-worded with similar intent while limiting duplication of content or messages. s47E(d)

As suggested below, it would be worthwhile to discuss input and the draft with contributors – I'll work with s22 to set something up with s22 and others.

Thanks
s22

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: Weaver, Mark s22 @industry.gov.au>
Sent: Tuesday, 14 November 2023 9:09 AM
To: Blix, Sophia MS s22 @defence.gov.au>
Cc: s22 @defence.gov.au>; Sander, Mark CDRE s22 @defence.gov.au>; s22 @defence.gov.au>; s22 @industry.gov.au>; s22 @defence.gov.au>; Usher, Sam s22 @industry.gov.au>; s22 @industry.gov.au>
Subject: RE: For action by COB today: ARWA comments on Defence Estate Review report [SEC=PROTECTED, CAVEAT=SH:CABINET]

Good morning Sophia

Attaching the s47E(d) with s22 s comments this time. I understand s22 viewed this before the report so some of the comments are reflected in the report with proposed text. s47E(d)
. As per my earlier note, we are happy to arrange access to relevant leads to help with the next draft.

Kind regards

Mark

PROTECTED//CABINET

From: Weaver, Mark
Sent: Monday, 13 November 2023 6:44 PM
To: Blix, Sophia MS s22 @defence.gov.au>
Cc: s22 @defence.gov.au>; Sander, Mark CDRE s22 @defence.gov.au>; s22 @defence.gov.au>; s22 @industry.gov.au>; s22 @defence.gov.au>; Usher, Sam s22 @industry.gov.au>; s22 @industry.gov.au>
Subject: FW: For action by COB today: ARWA comments on Defence Estate Review report [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

Hi Sophia,

Thank you again for the opportunity to comment on the report.

We have again tried to provide constructive feedback, the focus this time largely on technical comments and edits. See tracked in the attached.

From a technical perspective, there are a number of comments/edits made in the report which will need to be reflected/updated in the one-page PowerPoint. We are happy to make our technical leads available to work with your team directly to support progressing the report in tight timeframes.

s34(1)(d)

Lastly, our CEO is keen to include recognition of the agency more broadly in the covering letter, noting the work goes beyond his office.

Thanks

Mark

Mark Weaver

General Manager
Policy, Governance and Strategy Branch
Australian Radioactive Waste Agency

Mobile +61 s22

Internet www.industry.gov.au/arwa

Department of Industry, Science and Resources

ABN 74 599 608 295



Australian Government
Department of Industry,
Science and Resources

Australian
Radioactive
Waste Agency

'The agency acknowledges the traditional owners of the country throughout Australia and their continuing connection to the land, sea and community. We pay our respect to them and their cultures and to the elders past and present.'

PROTECTED//CABINET

From: Blix, Sophia MS s22 [@defence.gov.au](mailto:mark.weaver@defence.gov.au)>

Sent: Monday, 6 November 2023 5:52 PM

To: s22 [@finance.gov.au](mailto:mark.weaver@finance.gov.au); s22 [@ag.gov.au](mailto:mark.weaver@ag.gov.au);
s22 [@ag.gov.au](mailto:mark.weaver@ag.gov.au); s22 [@dfat.gov.au](mailto:mark.weaver@dfat.gov.au); s22 [@dfat.gov.au](mailto:mark.weaver@dfat.gov.au); s22 [@dfat.gov.au](mailto:mark.weaver@dfat.gov.au);
s22 [@dfat.gov.au](mailto:mark.weaver@dfat.gov.au); s22 [@dfat.gov.au](mailto:mark.weaver@dfat.gov.au); s22 [@protected.environment.gov.au](mailto:mark.weaver@protected.environment.gov.au);
s22 [@Protected.Health.gov.au](mailto:mark.weaver@Protected.Health.gov.au); s22 [@Protected.Health.gov.au](mailto:mark.weaver@Protected.Health.gov.au); s22
s22 [@industry.gov.au](mailto:mark.weaver@industry.gov.au)>; s22 [@industry.gov.au](mailto:mark.weaver@industry.gov.au)>; Weaver, Mark
s22 [@industry.gov.au](mailto:mark.weaver@industry.gov.au)>; s22 [@protected.arpansa.gov.au](mailto:mark.weaver@protected.arpansa.gov.au); s22 [@ansto.gov.au](mailto:mark.weaver@ansto.gov.au);
s22 [@dewr.gov.au](mailto:mark.weaver@dewr.gov.au); s22 [@dewr.gov.au](mailto:mark.weaver@dewr.gov.au); s22 [@ag.gov.au](mailto:mark.weaver@ag.gov.au); s22
s22 [@pmc.gov.au](mailto:mark.weaver@pmc.gov.au)>

Cc: Sander, Mark CDRE s22 [@defence.gov.au](mailto:mark.weaver@defence.gov.au)>; s22 [@defence.gov.au](mailto:mark.weaver@defence.gov.au)>;

Subject: Regulation and Waste IDC - Draft paper for consultation [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

PROTECTED CABINET

All

Ahead of the Regulation and Waste IDC scheduled for Thursday, 9 November 2023, please see attached the draft review to inform the decision-making process to identify locations in the current or future Defence Estate suitable for the storage and disposal of intermediate and high-level radioactive waste, including spent fuel, generated by Australia's nuclear-powered submarines.

This document is in DRAFT form only – we welcome your comments and suggestions. Given the sensitivities, I would be grateful if you could please limit redistribution without further consultation with my team or CDRE Mark Sander.

I'd be very happy to discuss in advance of Thursday's meeting as required, otherwise, I look forward to the discussion in the room. We would also welcome written comments, ideally by NLT than COB Monday, 13 November.

Kind regards

Sophia

Sophia Blix

Assistant Secretary

Strategy, Policy and Engagement Division | Non-Proliferation and Safeguards

Australian Submarine Agency

 s22

|  +s22

|  s22

[@defence.gov.au](mailto:s22@defence.gov.au)

I will sometimes write or respond to emails in the evenings or at the weekends to manage my inbox and do not expect a response outside of core office hours.

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

PROTECTED//CABINET

s22

From: Usher, Sam
Sent: Friday, 9 June 2023 12:27 PM
To: s22 Lindsay, Jodie
Subject: RE: Deputy Prime Minister; Prime Minister and Minister King Meeting
~~[SEC=PROTECTED]~~

Thank you s22 very much. The meeting is now on Monday 19th I believe. I have updated the brief and cleared for the MO.

s47C

Thank you for your help
 Sam

PROTECTED

From: s22 @defence.gov.au
Sent: Friday, 9 June 2023 9:37 AM
To: Usher, Sam s22 @industry.gov.au>; Lindsay, Jodie s22 @industry.gov.au>
Subject: RE: Deputy Prime Minister; Prime Minister and Minister King Meeting [SEC=PROTECTED]

PROTECTED

Hi Sam,

Attached is proposed draft meeting brief for Minister King's meeting next week.

Regards,
 s22

s22
 s47E(d)
 Department of Defence

P: s22
 E: s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22
Sent: Thursday, 8 June 2023 4:21 PM
To: 'Usher, Sam' s22 @industry.gov.au>; Lindsay, Jodie s22 @industry.gov.au>
Subject: RE: Deputy Prime Minister; Prime Minister and Minister King Meeting [SEC=PROTECTED]

PROTECTED

Hi Again Sam and Jodie,

I haven't shared this meeting with Matt Crawshaw/DISR Policy Team, s47E(d)

:

Purpose

1. To meet with the Prime Minister and Minister for Resources to discuss the review for the management of radioactive waste from the nuclear-powered submarine program.

Meeting Details

Date	13 June 2023
------	--------------

Key Issues

2. Defence has established a whole-of-government review team to provide advice to Government by the end of 2023 on a process to determine potential locations for the storage and disposal of intermediate- and high-level waste, including spent fuel.
 - a. The expertise of the Australian Radioactive Waste Agency (ARWA) has been central to the review team's work, including advice on international best practice.

3. s47E(d)

s47C

4. s47E(d)

Background

5. Australia will manage all radioactive waste from the Australian nuclear-powered submarine program. There are two main categories of waste: operational, low-level, waste, which will be managed at defence locations until a suitable disposal option is made available, and intermediate and high-level waste, including spent nuclear fuel, which will be stored and disposed on the current or future Defence estate.
6. While facilities for storage and disposal of intermediate- and high-level waste won't be required until the 2050s, it is important to get work underway in the near term. International experience suggests the site selection process takes decades. Finland and Sweden, the two most advanced countries, took around 20 years to finalise their site selection work.

Sensitivities: Yes

7. s47C; 47E(d)

8. s47E(d)

9. s47C

10.

s22
s47E(d)
Department of Defence

P: +s22
E: s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22
Sent: Thursday, 8 June 2023 3:50 PM
To: 'Usher, Sam' s22 @industry.gov.au>; Lindsay, Jodie <s22 @industry.gov.au>
Subject: Deputy Prime Minister; Prime Minister and Minister King Meeting [SEC=PROTECTED]

PROTECTED

Hi Sam and Jodie,

I've just learned that the DPM, PM and Min King will be meeting s47E(d) particular Steve Grzeskowiak's review.

– in

s47C

s22
s22
s47E(d)
Department of Defence

P: s22

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

s22

From: Lindsay, Jodie
Sent: Thursday, 26 October 2023 7:50 AM
To: s22
Cc: Usher, Sam
Subject: FW: For comment (COB wed 25 Oct): Defence Estate Review draft report
~~[SEC=PROTECTED, CAVEAT=SH:CABINET]~~

Hi s22

Please see below. Sam suggested I forward my substantive comments on to you.

Regards

Jodie

~~PROTECTED//CABINET~~

From: Lindsay, Jodie
Sent: Thursday, 26 October 2023 8:18 AM
To: s22 @industry.gov.au>; s22 @industry.gov.au>;
s22 @industry.gov.au>
Cc: Usher, Sam s22 @industry.gov.au>; Weaver, Mark s22 @industry.gov.au>
Subject: RE: For comment (COB wed 25 Oct): Defence Estate Review draft report [SEC=PROTECTED, CAVEAT=SH:CABINET]

Hi s22

Thanks for the opportunity to review and comment. I have marked up some comments in the document but effectively my comment go to two themes:

s47C, s47E(d)

Happy as always to discuss further.

Regards

Jodie Lindsay
General Manager
Social License and Operational Support
Australian Radioactive Waste Agency

Mobile s22
Internet www.industry.gov.au/arwa
Department of Industry, Science and Resources
ABN 74 599 608 295



Australian Government
Department of Industry,
Science and Resources

Australian Radioactive Waste Agency

'The agency acknowledges the traditional owners of the country throughout Australia and their continuing connection to the land, sea and community. We pay our respect to them and their cultures and to the elders past and present.'

PROTECTED//CABINET

From: s22 <s22@industry.gov.au>
Sent: Tuesday, 24 October 2023 6:19 PM
To: Fortanier, Amanda s22 <s22@industry.gov.au>; s22 <s22@industry.gov.au>; Lindsay, Jodie <jodie.lindsay@industry.gov.au>;
s22 <s22@industry.gov.au>; s22 <s22@industry.gov.au>;
s22 <s22@industry.gov.au>; s22 <s22@industry.gov.au>;
Cc: Usher, Sam s22 <s22@industry.gov.au>; Weaver, Mark s22 <s22@industry.gov.au>
Subject: For comment (COB wed 25 Oct): Defence Estate Review draft report [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

Hello

s47C, s47E(d)

Background
s34(2)

s47C, s47E(d)

Kind regards
s22

s22 | Manager | Radioactive Waste Policy
s22 | s22 [@industry.gov.au](mailto:s22@industry.gov.au)
Ngunnawal Country, Industry House, Canberra ACT

~~PROTECTED//CABINET~~

s22

From: Sander, Mark CDRE s22 @defence.gov.au>
Sent: Monday, 23 October 2023 10:51 AM
To: s22 Weaver, Mark
Cc: Blix, Sophia MS; s22 ;
Subject: RE: Draft s47E(d) for Feedback [SEC=PROTECTED, CAVEAT=SH:CABINET]

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

~~PROTECTED CABINET~~

s22 and Mark,

s22 's proposal is supported.

Kind regards

Mark

Mark Sander

CDRE, RAN
 Assistant Director General Nuclear Stewardship
 Stewardship and Security Division | Nuclear Stewardship Branch

Australian Submarine Agency

 s22 |  s22 |  s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22 @defence.gov.au>
Sent: Monday, 23 October 2023 10:10 AM
To: Weaver, Mark s22 @industry.gov.au>; Sander, Mark CDRE s22 @defence.gov.au>
Cc: Blix, Sophia MS s22 @defence.gov.au>; s22 @defence.gov.au>;
 s22 @defence.gov.au>; s22 @industry.gov.au>
Subject: RE: Draft s47E(d) for Feedback [SEC=PROTECTED, CAVEAT=SH:CABINET]

~~PROTECTED CABINET~~

Good morning Mark and Mark,

I note that s22 and s22 have all attended meetings to progress the review, and some have provided inputs to earlier drafts of the document.

Given the central role ARWA was asked to play in the conduct of the review, I'd suggest it useful to seek inputs from the other officers listed below, given the document will only be shared on a need to know basis and PROTECTED appropriately.

To be clear on responsibilities, I'd suggest that ARWA control their internal distribution, and s22 remain the key ARWA policy lead, coordinating ARWA's contributions. s22 and I will speak often.

Regards,
s22

s22
s47E(d)

Stewardship and Security Division | Nuclear Stewardship Branch | Radioactive Waste
Australian Submarine Agency
P s22 | M s22 | E s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: Weaver, Mark s22 <@industry.gov.au>
Sent: Sunday, 22 October 2023 7:53 PM
To: Sander, Mark CDRE s22 <@defence.gov.au>
Cc: s22 <@defence.gov.au>; Blix, Sophia MS s22 <@defence.gov.au>; s22 <@defence.gov.au>; s22 <@defence.gov.au>; s22 <@defence.gov.au>; s22 <@industry.gov.au>
Subject: RE: Draft s47E(d) for Feedback [SEC=PROTECTED, CAVEAT=SH:CABINET]

Good evening Mark

I would like to request your approval to share the draft report with some other people within ARWA to ensure we have draw on the relevant expertise for my comments back to you next week.

The people I would like to share the report with include:

- Amanda Fortanier, a/SES1 Safety and Technical
- s22, EL2 Safety and Technical
- s22 EL2 Safety and Technical
- Jodie Lindsay, SES1 Social Licence and Operations
- s22, EL2 Indigenous Engagement
- s22 EL2 Radioactive Waste Policy
- s22, EL1 Radioactive Waste Policy
- s22 EL1 Radioactive Waste Policy

I will ensure the draft report is held tight by these officers.

I look forward to your response.

Kind regards

Mark

Mark Weaver

General Manager
 Policy, Governance and Strategy Branch
 Australian Radioactive Waste Agency

Mobile s22

Internet www.industry.gov.au/arwa

Department of Industry, Science and Resources

ABN 74 599 608 295



Australian Government
 Department of Industry,
 Science and Resources

Australian
 Radioactive
 Waste Agency

'The agency acknowledges the traditional owners of the country throughout Australia and their continuing connection to the land, sea and community. We pay our respect to them and their cultures and to the elders past and present.'

PROTECTED//CABINET

From: Sander, Mark CDRE s22 @defence.gov.au>
Sent: Thursday, 19 October 2023 11:30 AM
To: Weaver, Mark s22 @industry.gov.au>
Cc: s22 @defence.gov.au>; Blix, Sophia MS s22 @defence.gov.au>; s22 @defence.gov.au>; s22 @defence.gov.au>
Subject: Draft s47E(d) for Feedback [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

~~PROTECTED CABINET~~

Good morning Mark,

s34(2)

s47E(d)

This work is sensitive, so I would appreciate if you would please limit redistribution without further consultation with myself or my team.

Any early comments by COB Thursday 26 October would be much appreciated.

If you have any questions don't hesitate to contact me, [s22](#) or [s22](#) (both cc'd).

Kind regards,

Mark Sander

CDRE, RAN

Assistant Director General Nuclear Stewardship

Stewardship and Security Division | Nuclear Stewardship Branch

Australian Submarine Agency

 [s22](#)

|  [s22](#)

|  [s22](#)

| [@defence.gov.au](mailto:s22@defence.gov.au)

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

s22

From: Blix, Sophia MS s22 @defence.gov.au>
Sent: Monday, 6 November 2023 5:22 PM
To: s22 @finance.gov.au; s22 @finance.gov.au;
s22 @ag.gov.au; s22 @ag.gov.au; s22 @dfat.gov.au;
s22 @dfat.gov.au; s22 @dfat.gov.au; s22 @dfat.gov.au;
s22 @dfat.gov.au; s22 @protected.environment.gov.au;
s22 @Protected.Health.gov.au; s22 @Protected.Health.gov.au;
s22 Weaver, Mark; s22 @protected.arpansa.gov.au;
s22 @ansto.gov.au; s22 @dewr.gov.au; s22 @dewr.gov.au;
s22 @ag.gov.au; s22
Cc: Sander, Mark CDRE; s22
Subject: Regulation and Waste IDC - Draft paper for consultation [SEC=PROTECTED, CAVEAT=SH:CABINET]
Attachments: 20231106 s47E(d) - Clean.docx; s47E(d) for Radioactive Waste Management Facilities.pptx
Follow Up Flag: Follow up
Due By: Wednesday, 8 November 2023 9:30 AM
Flag Status: Flagged

~~PROTECTED//CABINET~~

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

~~PROTECTED CABINET~~

All

s34(2)

Kind regards

Sophia

Sophia Blix

Assistant Secretary

Strategy, Policy and Engagement Division | Non-Proliferation and Safeguards

Australian Submarine Agency s22|  s22|  s22[@defence.gov.au](mailto:s22@defence.gov.au)

I will sometimes write or respond to emails in the evenings or at the weekends to manage my inbox and do not expect a response outside of core office hours.

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s22

From: s22 @defence.gov.au>
Sent: Thursday, 16 November 2023 3:14 PM
To: Weaver, Mark; Blix, Sophia MS
Cc: s22 Sander, Mark CDRE; s22
Subject: RE: For action by COB today: ARWA comments on Defence Estate Review report [SEC=PROTECTED, CAVEAT=SH:CABINET]
Attachments: Enclosure 1_ s47E(d) .docx; AUKUS B3 IDC Agenda 20231120.pdf

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

~~PROTECTED CABINET~~

Hi Mark,

Thanks for the comments you provided earlier this week. Please see attached the latest draft that will be circulated for discussion at a AUKUS Band 3 IDC meeting next Monday (agenda attached). I understand Sam Usher, CEO ARWA, is on the distro list.

We've sought to include comments and edits as suggested, or re-worded with similar intent while limiting duplication of content or messages. There were insightful comments on the s47E(d) that we're keen to draw from as we take this work forward, but acknowledge there were limitations with how much detail to include for the purpose of the s47E(d) and how prescriptive we should be with the stages.

As suggested below, it would be worthwhile to discuss input and the draft with contributors – I'll work with s22 to set something up with s22 and others.

Thanks
s22

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: Weaver, Mark s22 @industry.gov.au>
Sent: Tuesday, 14 November 2023 9:09 AM
To: Blix, Sophia MS s22 @defence.gov.au>
Cc: s22 @defence.gov.au>; Sander, Mark CDRE
s22 @defence.gov.au>; s22 @defence.gov.au>; s22
s22 ndustry.gov.au>; s22 @defence.gov.au>; Usher, Sam
s22 @industry.gov.au>; s22 @industry.gov.au>
Subject: RE: For action by COB today: ARWA comments on Defence Estate Review report [SEC=PROTECTED, CAVEAT=SH:CABINET]

Good morning Sophia

Attaching the s47E(d) with s22 's comments this time. I understand s22 reviewed this before the report so some of the comments are reflected in the report with proposed text. Some of the other comments relate to

proposed decision points or gates to progress through stages. As per my earlier note, we are happy to arrange access to relevant leads to help with the next draft.

Kind regards

Mark

PROTECTED//CABINET

From: Weaver, Mark

Sent: Monday, 13 November 2023 6:44 PM

To: Blix, Sophia MS **s22** @defence.gov.au>

Cc: **s22** @defence.gov.au>; Sander, Mark CDRE

s22 @defence.gov.au>; **s22** @defence.gov.au>; **s22**

s22 @industry.gov.au>; **s22** @defence.gov.au>; Usher, Sam

s22 @industry.gov.au>; **s22** @industry.gov.au>

Subject: FW: For action by COB today: ARWA comments on Defence Estate Review report [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

Hi Sophia,

Thank you again for the opportunity to comment on the report.

We have again tried to provide constructive feedback, the focus this time largely on technical comments and edits. See tracked in the attached.

From a technical perspective, there are a number of comments/edits made in the report which will need to be reflected/updated in the one-page PowerPoint. We are happy to make our technical leads available to work with your team directly to support progressing the report in tight timeframes.

I note we will keep working closely on **s47E(d)**

Lastly, our CEO is keen to include recognition of the agency more broadly in the covering letter, noting the work goes beyond his office.

Thanks

Mark

Mark Weaver

General Manager

Policy, Governance and Strategy Branch

Australian Radioactive Waste Agency

Mobile **s22**

Internet www.industry.gov.au/arwa

Department of Industry, Science and Resources

ABN 74 599 608 295



Australian Government
Department of Industry,
Science and Resources

Australian
Radioactive
Waste Agency

'The agency acknowledges the traditional owners of the country throughout Australia and their continuing connection to the land, sea and community. We pay our respect to them and their cultures and to the elders past and present.'

PROTECTED//CABINET

From: Blix, Sophia MS **s22** [@defence.gov.au](mailto:sophia.blix@defence.gov.au)>
Sent: Monday, 6 November 2023 5:52 PM
To: **s22** [@finance.gov.au](mailto:s22@finance.gov.au); **s22** [@finance.gov.au](mailto:s22@finance.gov.au); **s22** [@ag.gov.au](mailto:s22@ag.gov.au);
s22 [@ag.gov.au](mailto:s22@ag.gov.au); **s22** [@dfat.gov.au](mailto:s22@dfat.gov.au); **s22** [@dfat.gov.au](mailto:s22@dfat.gov.au); **s22** [@dfat.gov.au](mailto:s22@dfat.gov.au);
s22 [@dfat.gov.au](mailto:s22@dfat.gov.au); **s22** [@dfat.gov.au](mailto:s22@dfat.gov.au); **s22** [@protected.environment.gov.au](mailto:s22@protected.environment.gov.au);
s22 [@Protected.Health.gov.au](mailto:s22@Protected.Health.gov.au); **s22** [@Protected.Health.gov.au](mailto:s22@Protected.Health.gov.au); **s22**
s22 [@industry.gov.au](mailto:s22@industry.gov.au)>; **s22** [@industry.gov.au](mailto:s22@industry.gov.au)>; Weaver, Mark
s22 [@industry.gov.au](mailto:s22@industry.gov.au)>; **s22** [@protected.arpansa.gov.au](mailto:s22@protected.arpansa.gov.au); **s22** [@ansto.gov.au](mailto:s22@ansto.gov.au);
s22 [@dewr.gov.au](mailto:s22@dewr.gov.au); **s22** [@dewr.gov.au](mailto:s22@dewr.gov.au); **s22** [@ag.gov.au](mailto:s22@ag.gov.au); **s22**
s22 [@pmc.gov.au](mailto:s22@pmc.gov.au)>
Cc: Sander, Mark CDRE **s22** [@defence.gov.au](mailto:s22@defence.gov.au)>; **s22** [@defence.gov.au](mailto:s22@defence.gov.au)>;
s22 [@defence.gov.au](mailto:s22@defence.gov.au)>; **s22** [@pmc.gov.au](mailto:s22@pmc.gov.au)>
Subject: Regulation and Waste IDC - Draft paper for consultation [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

PROTECTED CABINET

All

s47C, 47E(d)

Kind regards

Sophia

Sophia Blix

Assistant Secretary

Strategy, Policy and Engagement Division | Non-Proliferation and Safeguards

Australian Submarine Agency

 s22

|  s22

|  s22

| [@defence.gov.au](mailto:s22@defence.gov.au)

I will sometimes write or respond to emails in the evenings or at the weekends to manage my inbox and do not expect a response outside of core office hours.

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

PROTECTED//GABINET

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s22

From: s22 @defence.gov.au>
Sent: Wednesday, 29 November 2023 10:02 AM
To: s22
Cc: Weaver, Mark; s22
Subject: RE: Briefing Min King on ASA Review Report [SEC=PROTECTED, CAVEAT=SH:CABINET]

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

~~PROTECTED CABINET~~

Hi s22

No update from Defence on their handling strategy, so great to ARWA to pre-prepare something to roll out quickly.

I spoke to Sam this morning, he said:

- he briefed Min King on ARWA's involvement in the report yesterday;
- that it has come a long way given our influence, and
- she seemed comfortable.

s47C

Regards,
s22

s22
s47E(d)

Stewardship and Security Division | Nuclear Stewardship Branch | Radioactive Waste
 Australian Submarine Agency

P s22 | M +s22 | E s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22 industry.gov.au>
Sent: Tuesday, 28 November 2023 2:07 PM
To: s22 @defence.gov.au>
Cc: Weaver, Mark <s22 @industry.gov.au>; s22 @industry.gov.au>; s22 @industry.gov.au>
Subject: RE: Briefing Min King on ASA Review Report [SEC=PROTECTED, CAVEAT=SH:CABINET]

~~PROTECTED//CABINET~~

Hi s22

Happy Tuesday! I've spoken with s22 and s47C

Next steps are to pull together a **draft outline** of the brief for s22 Mark to review.

As such, touching base to see whether there was any update on handling with the DPM office, and also if you had any additional thoughts on content to include, in addition to what you've previously provided.

s34(1)(d)

Kind regards,

s22 | Assistant Manager | Radioactive Waste Policy
P: s22 | E: s22 @industry.gov.au
Department of Industry, Science and Resources

~~PROTECTED//CABINET~~

From: s22 @defence.gov.au>
Sent: Friday, 24 November 2023 4:22 PM
To: s22 @industry.gov.au>
Cc: Weaver, Mark s22 @industry.gov.au>; s22 @industry.gov.au>; s22 @industry.gov.au>
Subject: RE: Briefing Min King on ASA Review Report [~~SEC=PROTECTED, CAVEAT=SH:CABINET~~]

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

~~PROTECTED CABINET~~

I believe they are talking to the DPM's office about handling next week...

Regards,
s22

s22
s47E(d)
Stewardship and Security Division | Nuclear Stewardship Branch | Radioactive Waste
Australian Submarine Agency
P s22 | M s22 | E s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22

Sent: Friday, 24 November 2023 3:55 PM

To: 's22' <s22@industry.gov.au>

Cc: Weaver, Mark <s22@industry.gov.au>; s22 <s22@industry.gov.au>; s22 <s22@industry.gov.au>

Subject: RE: Briefing Min King on ASA Review Report [~~SEC=PROTECTED, CAVEAT=SH:CABINET~~]

~~PROTECTED CABINET~~

Hi s22

The Policy team thought my suggestion of cc-ing Min King in was a good one (!) – and was takin it on board. Nothing further yet – I've asked again.

Regards,

s22

s22

s47E(d)

Stewardship and Security Division | Nuclear Stewardship Branch | Radioactive Waste
Australian Submarine Agency

P s22 | M s22 | E s22 <s22@defence.gov.au>

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

From: s22 <s22@industry.gov.au>

Sent: Friday, 24 November 2023 2:22 PM

To: s22 <s22@defence.gov.au>

Cc: Weaver, Mark <s22@industry.gov.au>; s22 <s22@industry.gov.au>; s22 <s22@industry.gov.au>; Paul.James@industry.gov.au

Subject: RE: Briefing Min King on ASA Review Report [~~SEC=PROTECTED, CAVEAT=SH:CABINET~~]

Hi s22

Very sorry for the delay in responding to your email. s22 has been off sick this week and both Mark and I have been in Adelaide this week to.

s47C

Have a good weekend!

Cheers,

s22 | Assistant Manager | Radioactive Waste Policy
P: s22 | E: s22 @industry.gov.au
Department of Industry, Science and Resources

~~PROTECTED//CABINET~~

From: s22 @defence.gov.au>
Sent: Monday, 20 November 2023 5:41 PM
To: s22 @industry.gov.au>
Cc: s22 @industry.gov.au>; Weaver, Mark s22 @industry.gov.au>;
s22 industry.gov.au>
Subject: Briefing Min King on ASA Review Report [~~SEC=PROTECTED, CAVEAT=SH:CABINET~~]

~~PROTECTED//CABINET~~

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

~~PROTECTED CABINET~~

Hi s22
s47C

s47C, s47E(d)

Let me know your thoughts and how I might help draft something up.

Regards,
s22

s22
Director
s47E(d)
Stewardship and Security Division | Nuclear Stewardship Branch | Radioactive Waste
Australian Submarine Agency



P s22 | M s22 | E s22 @defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

s22

From: Weaver, Mark
Sent: Thursday, 19 October 2023 11:48 AM
To: Sander, Mark CDRE
Cc: **s22** ; Blix, Sophia MS; **s22**
s22
Subject: RE: Draft **s47E(d)** for Feedback [SEC=PROTECTED, CAVEAT=SH:CABINET]

Good afternoon Mark

Thank you for sharing the draft review. Will come back to you ahead of next Thursday including on those specific areas you've identified. I'll also be sure to consult ahead of any further distribution.

It may be beneficial to arrange a quick catch up next week. Perhaps the afternoon of Wednesday 25th? I've copied my EA, **s22**.

Kind regards

Mark

Mark Weaver
 General Manager
 Policy, Governance and Strategy Branch
 Australian Radioactive Waste Agency

Mobile **s22**
 Internet www.industry.gov.au/arwa
 Department of Industry, Science and Resources
 ABN 74 599 608 295



Australian Government
 Department of Industry,
 Science and Resources

Australian
 Radioactive
 Waste Agency

'The agency acknowledges the traditional owners of the country throughout Australia and their continuing connection to the land, sea and community. We pay our respect to them and their cultures and to the elders past and present.'

PROTECTED//CABINET

From: Sander, Mark CDRE **s22** @defence.gov.au>
Sent: Thursday, 19 October 2023 11:30 AM
To: Weaver, Mark **s22** @industry.gov.au>
Cc: **s22** @defence.gov.au>; Blix, Sophia MS **s22** @defence.gov.au>; **s22** @defence.gov.au>; **s22** @defence.gov.au>; **s22** @defence.gov.au>
Subject: Draft **s47E(d)** for Feedback {SEC=PROTECTED, CAVEAT=SH:CABINET}

PROTECTED//CABINET

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

PROTECTED CABINET

Good morning Mark,

We spoke a few weeks ago about a body of work that we've been doing, led by Steve Grzeskowiak, to inform the decision-making process to identify locations in the current or future Defence Estate suitable for the storage and disposal of intermediate and high-level radioactive waste, including spent fuel, generated by Australia's nuclear-powered submarines.

We have been working with s22 and team on the draft report but I also wanted to reach out to you directly ahead of broader consultation. Attached is the draft review for your consideration. We understand Sam Usher is speaking with Steve Grzeskowiak on the report; happy for you to forward this draft to Sam.

s47C, s47E(d)

This work is sensitive, so I would appreciate if you would please limit redistribution without further consultation with myself or my team.

Any early comments by COB Thursday 26 October would be much appreciated.

If you have any questions don't hesitate to contact me, s22 or s22 (both cc'd).

Kind regards,

Mark Sander

CDRE, RAN

Assistant Director General Nuclear Stewardship

Stewardship and Security Division | Nuclear Stewardship Branch

Australian Submarine Agency

 s22

|  s22

|  s22

| s22@defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

s22

From: Weaver, Mark
Sent: Thursday, 26 October 2023 7:17 PM
To: Sander, Mark CDRE
Cc: s22 Blix, Sophia MS; s22
 s22
Subject: FW: Draft s47E(d) for Feedback [SEC=PROTECTED,
 CAVEAT=SH:CABINET]
Attachments: ASA - DER - s47E(d) - 17 Oct Draft CLEAN - ARWA comments.docx; ASA -
 DER - 231011 s47E(d) flowchart (version 2) - ARWA comments.pptx

PROTECTED//CABINET

Hi Mark

Thank you again for the opportunity to comment on the report.

We have tried to be as constructive as possible in our comments and we have included a range of policy and technical comments and edits. See tracked in the attached.

s34(2)

s47C, 47E(d) . There will also
 be opportunity to align work with s34(1)(d) – I look
 forward to discussing that with you when we meet. I understand we have some time pencilled in for next Friday 3
 November.

Kind regards

Mark

Mark Weaver
 General Manager
 Policy, Governance and Strategy Branch
 Australian Radioactive Waste Agency

Mobile s22
 Internet www.industry.gov.au/arwa
 Department of Industry, Science and Resources
 ABN 74 599 608 295



Australian Government
Department of Industry,
Science and Resources

Australian Radioactive Waste Agency

'The agency acknowledges the traditional owners of the country throughout Australia and their continuing connection to the land, sea and community. We pay our respect to them and their cultures and to the elders past and present.'

PROTECTED//CABINET

From: Sander, Mark CDRE **s22** [@defence.gov.au](mailto:mark.sander@defence.gov.au)>
Sent: Thursday, 19 October 2023 11:30 AM
To: Weaver, Mark **s22** [@industry.gov.au](mailto:mark.weaver@industry.gov.au)>
Cc: **s22** [@defence.gov.au](mailto:s22@defence.gov.au)>; Blix, Sophia MS **s22** [@defence.gov.au](mailto:sophia.blix@defence.gov.au)>; **s22** [@defence.gov.au](mailto:s22@defence.gov.au)>; **s22** [@defence.gov.au](mailto:s22@defence.gov.au)>
Subject: Draft **s47E(d)** for Feedback {SEC=PROTECTED, CAVEAT=SH:CABINET}

PROTECTED//CABINET

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

PROTECTED CABINET

Good morning Mark,

We spoke a few weeks ago about a body of work that we've been doing, led by Steve Grzeskowiak, **s47C, 47E(d)**

We have been working with **s22** and team on the draft report but I also wanted to reach out to you directly ahead of broader consultation. Attached is the draft review for your consideration. We understand Sam Usher is speaking with Steve Grzeskowiak on the report; happy for you to forward this draft to Sam.

s34(1)(d)

s47E(d)

This work is sensitive, so I would appreciate if you would please limit redistribution without further consultation with myself or my team.

Any early comments by COB Thursday 26 October would be much appreciated.

If you have any questions don't hesitate to contact me, **s22** or **s22** (both cc'd).

Kind regards,

Mark Sander

CDRE, RAN

Assistant Director General Nuclear Stewardship

Stewardship and Security Division | Nuclear Stewardship Branch

Australian Submarine Agency

 s22

|  s22

|  s22

| s22@defence.gov.au

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

|

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s34(1)(d)

s22

From: Weaver, Mark
Sent: Friday, 17 November 2023 3:38 PM
To: s22 ; Usher, Sam
Cc: s22
Subject: RE: Suggestion: Potential s47C, 47E(d) ? [SEC=PROTECTED, CAVEAT=SH:CABINET]

HI s22

I hope all is well in QLD.

s47C, 47E(d) on the report and would greatly value you working with the team to do this. Would also appreciate it if you could check in on the briefing strategy.

I'll mention to s22 but could you please reach out to her directly.

Have a good weekend.

Mark

PROTECTED//CABINET

From: s22 @defence.gov.au>
Sent: Friday, 17 November 2023 4:02 PM
To: Usher, Sam s22 @industry.gov.au>; Weaver, Mark s22 @industry.gov.au>
Cc: s22 @industry.gov.au>
Subject: Suggestion: Potential s47C, 47E(d) ? [SEC=PROTECTED, CAVEAT=SH:CABINET]

PROTECTED//CABINET

CAUTION - This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

PROTECTED-CABINET

Good afternoon Sam and Mark,

I'm still in Qld on leave, but wanted to share this thought...

s47C, 47E(d)

I would be an opportunity to update her on 'things submarine' in general, but s47C, s47E(d) s34(1)(c)

s47C, 47E(d)

Regards,
s22

s22

Director
s47E(d)

Stewardship and Security Division | Nuclear Stewardship Branch | Radioactive Waste
Australian Submarine Agency



Australian Government
Australian Submarine Agency

P s22 | M s22 | E s22 [@defence.gov.au](mailto:s22@defence.gov.au)

IMPORTANT: This email remains the property of the Department of Defence. Unauthorised communication and dealing with the information in the email may be a serious criminal offence. If you have received this email in error, you are requested to contact the sender and delete the email immediately.