



**Relicensing Research Sites Restoration Limited Sites to Magnox Limited  
Initial Approval of Arrangements for Urgent Safety Proposals for Harwell and Winfrith**

Project Assessment Report ONR-DFW-PAR-15-007  
Revision 0  
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## EXECUTIVE SUMMARY

### Title

Initial Approval of Arrangements for Urgent Safety Proposals for Harwell and Winfrith.

### Permission Requested

The licensee, Magnox Limited (MxL), has requested the Office for Nuclear Regulation's (ONR's) 'Approval' of its Arrangements for Urgent Safety Proposals for Harwell and Winfrith under Licence Condition (LC) 13(11).

### Background

On 1 September 2014, the Cavendish Fluor Partnership became the Parent Body Organisation (PBO) of ten MxL sites and the two Research Sites Restoration Limited (RSRL) sites at Harwell and Winfrith. As part of the PBO's Management of Change (MoC) strategy, the Harwell and Winfrith sites were relicensed to MxL on 1<sup>st</sup> April 2015. This relicensing involved the granting of (new) Nuclear Site Licence (NSL) 100 for "Magnox Limited Winfrith" and (new) NSL 101 for "Magnox Limited Harwell" and granting revocations for the old licences for these sites.

Licence Condition 13(1) requires a licensee to establish a Nuclear Safety Committee (NSC) to consider and advise on safety matters. LC13(2) requires a licensee to submit to ONR for Approval the Terms of Reference (ToR) of any such NSC and requires the licensee not to form a NSC without such an Approval. ONR Approved new ToR for the Harwell and Winfrith NSCs when these sites were relicensed.

In addition, LC13(11) allows the licensee to obtain consideration of, or advice on, urgent safety proposals (which would normally be considered by a NSC) in accordance with appropriate arrangements that have been considered by the relevant NSC and approved by ONR. The ONR Approvals for RSRL Harwell and RSRL Winfrith Urgent Safety Proposals (USP) arrangements fell when the new NSLs for these sites came into force on 1<sup>st</sup> April 2015. Following relicensing it is necessary for ONR to grant new Approvals (one for each site). For this reason, I [the Harwell & Winfrith Site Inspector (H&WSI)] have prepared this Project Assessment Report (PAR) and the associated Approvals.

### Assessment and inspection work carried out by ONR in consideration of this request

#### Matters arising from ONR's work

There are no matters arising from this work.

#### Conclusions

The licensee has provided new Harwell and Winfrith NSC's arrangements for obtaining consideration of, or advice on, USPs and requested ONR Approval. As required by LC13(11), the proposed arrangements for USPs have been considered by the relevant NSC.

These arrangements have been reviewed and it has been confirmed that they address all ONR comments on earlier versions. These arrangements also satisfy the requirements of ONR guidance.

I therefore consider that that these arrangements meet the requirements of LC13(11) and recommend that ONR grants LC13(11) Approvals (one for each site) of the proposed arrangements for USPs.

#### Recommendation

I recommend that the Superintending Inspector:

- a. Signs this Project Assessment Report to confirm support for the ONR technical and regulatory arguments that justify issuing Magnox Limited Harwell Licence Instrument 501 and Magnox Limited Winfrith Licence Instrument 501.

- b. Signs this Project Assessment Report approving its release for publication, after redaction where appropriate.

I recommend that a Deputy Chief Nuclear Inspector signs Harwell Licence Instrument 501 and Winfrith Licence Instrument 501, which grants Approvals under Licence Condition 13(11) of the Arrangements for Urgent Safety Proposals for Harwell and Winfrith.

## LIST OF ABBREVIATIONS

CFP	Cavendish Fluor Partnership
H&WSI	Harwell and Winfrith Site Inspector
LC	Licence Condition
MoC	Management of Change
MxL	Magnox Limited
NSC	Nuclear Safety Committee
NSL	Nuclear Site Licence
ONR	Office for Nuclear Regulation
PAR	Project Assessment Report
PBO	Parent Body Organisation
RSRL	Research Sites Restoration Limited
TIG	Technical Inspection Guide
ToR	Terms of Reference
USP	Urgent Safety Proposals

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## **1 PERMISSION REQUESTED**

1. The licensee, Magnox Limited (MxL), has requested the Office for Nuclear Regulation's (ONR's) 'Approval' of its Arrangements for Urgent Safety Proposals for Harwell and Winfrith under Licence Condition (LC) 13(11) [1].

## **2 BACKGROUND**

2. On 1 September 2014, the Cavendish Fluor Partnership (CFP) became the Parent Body Organisation (PBO) of ten MxL sites and the two Research Sites Restoration Limited (RSRL) sites at Harwell and Winfrith. As part of the PBO's Management of Change (MoC) strategy, the Harwell and Winfrith sites were relicensed to MxL on 1st April 2015. This relicensing involved the granting of (new) Nuclear Site Licence (NSL) 100 for "Magnox Limited Winfrith" and (new) NSL 101 for "Magnox Limited Harwell" and granting revocations for the old licences for these sites.
3. Licence Condition 13(1) requires a licensee to establish a Nuclear Safety Committee (NSC) to consider and advise on safety matters. LC13(2) requires a licensee to submit to ONR for Approval the Terms of Reference (ToR) of any such NSC and requires the licensee not to form a NSC without such an Approval. ONR Approved new ToR for the Harwell and Winfrith NSCs when these sites were relicensed [2].
4. In addition, LC13(11) allows the licensee to obtain consideration of, or advice on, urgent safety proposals (which would normally be considered by a NSC) in accordance with appropriate arrangements that have been considered by the relevant NSC and approved by ONR. The ONR Approvals for RSRL Harwell and RSRL Winfrith Urgent Safety Proposals (USP) arrangements fell when the new NSLs for these sites came into force on 1<sup>st</sup> April 2015. Following relicensing it is necessary for ONR to grant new Approvals (one for each site). For this reason, I [the Harwell & Winfrith Site Inspector (H&WSI)] have prepared this Project Assessment Report (PAR) and the associated Approvals.

## **3 ASSESSMENT AND INSPECTION WORK CARRIED OUT BY ONR IN CONSIDERATION OF THIS REQUEST**

5. ONR Nuclear Safety Technical Inspection Guides (TIG) NS-INSP-GD-013 "LC13 Nuclear Safety Committee" [3] has been used to consider the Harwell and Winfrith NSC's arrangements for USPs.

### **3.1 ASSESSMENT OF THE PROPOSED ARRANGEMENTS FOR URGENT SAFETY PROPOSALS**

6. On 30<sup>th</sup> January 2009, ONR granted LC13(11) Approvals of Harwell and Winfrith NSC's arrangements for obtaining consideration of, or advice on, USPs [4,5]. These Approvals were in effect until they fell on relicensing.
7. In making its application for relicensing Harwell and Winfrith sites to MxL, MxL adopted an approach of minimising the changes to its proposed arrangements for the consideration of USPs when compared to the Approved arrangements that fell on relicensing.
8. The previous H&W Site Inspector compared the arrangements for USPs that were Approved in 2009 [6] with the proposed arrangements for USPs [7] and was satisfied that MxL had minimising the changes to the new arrangements [8]. This has limited the need for significant ONR assessment and inspection work.
9. The previous H&W Site Inspector considered the new proposed arrangements for USPs [7] and supplied comments [9,10]. MxL has revised its arrangements and the

previous H&W Site Inspector has confirmed that all comments have been addressed [11].

10. I have reviewed the new proposed arrangements for USPs [7] and note that they state that they are only to be used for genuine urgent safety proposals and not matters of operational convenience or commercial expediency. I am satisfied that they adequately address the requirements of LC13(11) and the relevant expectations set out in TIG T/INS/013 [3].

### **3.2 NSC CONSIDERATION OF THE URGENT SAFETY PROPOSALS ARRANGEMENTS**

11. LC13(11) requires that the Urgent Safety Proposal arrangements, made by the licensee, are considered by the NSC prior to it submitting the arrangements to ONR for Approval. MxL has confirmed in its letter requesting Approval of the arrangements [1], that the Harwell and Winfrith NSCs met and considered the proposed arrangements for Urgent Safety Proposals on [7].
12. As required by LC13(8), MxL forwarded the minutes from this NSC to ONR within 14 days [12]. I note from these NSC minutes that the Urgent Safety Proposals were considered under the item Formation of the New Nuclear Safety Committee and that the NSC was content with the procedure for USPs.

### **3.3 LEGAL ASPECTS**

13. I have drafted Licence Instruments (LIs) [13], [14] in response to the licensee's request for Approvals under Licence Condition 13(11) of the arrangements for USPs at Harwell and Winfrith. These LIs are one of the standard formats given within ONR procedures and so they do not require review by Government Legal Department.

## **4 MATTERS ARISING FROM ONR'S WORK**

14. There are no matters arising from my work.

## **5 CONCLUSIONS**

15. The licensee has provided new Harwell and Winfrith NSC's arrangements for, obtaining consideration of, or advice on, USPs and requested ONR Approval. These have been reviewed and it has been confirmed that they address all ONR comments on earlier versions. These arrangements also satisfy the requirements of ONR guidance.
16. As required by LC13(11), the proposed arrangements for USPs have been considered by the relevant NSCs, and they are content.
17. I therefore consider that that these arrangements meet the requirements of LC13(11) and recommend that ONR grants LC13(11) Approvals of the proposed arrangements for USPs.

## **6 RECOMMENDATIONS**

18. I recommend that the Superintending Inspector:
  - a. Signs this Project Assessment Report to confirm support for the ONR technical and regulatory arguments that justify issuing Magnox Limited Harwell Licence Instrument 501 and Magnox Limited Winfrith Licence Instrument 501.
  - b. Signs this Project Assessment Report approving its release for publication, after redaction where appropriate.



19. I recommend that a Deputy Chief Nuclear Inspector signs Harwell Licence Instrument 501 and Winfrith Licence Instrument 501, which grants Approvals under Licence Condition 13(11) of the Arrangements for Urgent Safety Proposals for Harwell and Winfrith.

## 7 REFERENCES

1. MxL letter MAGNOX/ONR/0139N, dated 29 May 2015. "Nuclear Installations Act 1965 (As Amended). Magnox Limited. Harwell, Nuclear Site Licence No. 101. Winfrith, Nuclear Site Licence No. 100. Request for Approvals Under Licence Condition 13(11) of Harwell and Winfrith Nuclear Safety Committees Urgent Safety Proposals "Fast Track" Arrangements. (TRIM 2015/240394)
2. ONR Project Assessment Report ONR-DFW-PAR-14-022, "Initial Approval of Terms of Reference of a Nuclear Safety Committee for Harwell and Winfrith". (TRIM 2015/51213)
3. ONR Guide LC13 Nuclear Safety Committee NS-INSP-GD-013 Revision 3. June 2015. ([http://www.onr.org.uk/operational/tech\\_insp\\_guides/index.htm](http://www.onr.org.uk/operational/tech_insp_guides/index.htm))
4. Site Licence No: 84, Licence Instrument No: 502, Approval Granted Under Condition 13(11) on 30 January 2009. (TRIM 2009/42664)
5. Site Licence No: 85, Licence Instrument No: 502, Approval Granted Under Condition 13(11) on 30 January 2009. (TRIM 2009/42664)
6. Research Sites Restoration Ltd (RSRL) Nuclear Safety Committee fast Track Procedure RNSC(09)P002. (TRIM 2015/258945)
7. PRC 0213 - Harwell & Winfrith Urgent Safety Proposals 'Fast Track' Procedure. Date: 13<sup>th</sup> May 2015 Issue 1. (TRIM 2015/240394)
8. e-mail ONR to ONR, dated and timed 12<sup>th</sup> July 2015 at 20:43. Harwell & Winfrith Licence Condition 13(11) Arrangements - The Approved Arrangements that Fell When the New Licences Came into Force and Subsequent Changes. (TRIM 2015/258945)
9. e-mail from ONR to MxL, dated and timed 23<sup>rd</sup> March 2015 at 09:50. MAR052 - Magnox / RSRL Relicensing - ONR Comments on Draft 'Fast Track' Request Letter and Draft 'Fast Track' Procedure Provided 18 February 2015 - 23 February 2015. (TRIM 2015/108800)
10. e-mail from ONR to MxL, dated and timed 6<sup>th</sup> May 2015 at 10:02. Harwell & Winfrith Licence Condition 13(11) Arrangements - Final ONR Comments on Application Letter and Draft Proposals. (TRIM 2015/166924)
11. e-mail ONR to ONR, dated and timed 12<sup>th</sup> July 2015 at 21:28. Harwell & Winfrith Licence Condition 13(11) Arrangements - Assessment of Magnox Limited Proposals and Recommendation from Harwell and Winfrith Site Inspector up to 30 June 2015. (TRIM 2015/258948)
12. MxL South Sites Nuclear Safety Committee Meeting Minutes SSNSC(15)M03 for meeting on 13<sup>th</sup> May 2015. (TRIM 2015/240394)
13. Site Licence No: 101, Licence Instrument No: 501. August 2015. Nuclear Installations Act 1965 (As Amended). Approval Granted under Condition 13(11) of Schedule 2 attached to Nuclear Site Licence No: 101. Harwell. (TRIM 2015/300919)
14. Site Licence No: 100, Licence Instrument No: 501. August 2015. Nuclear Installations Act 1965 (As Amended). Approval Granted under Condition 13(11) of Schedule 2 attached to Nuclear Site Licence No: 100. Winfrith. (TRIM 2015/300928)