



ONR INSTRUCTION			
ONR Response to a Class 1 Event – Off-site Nuclear Emergency			
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1. INTRODUCTION

- 1.1 In response to the declaration of an off-site nuclear emergency (OSNE) at a GB Nuclear Site or a Ministry of Defence Site or an Operational Berth, ONR will: monitor and record the operator's actions; take enforcement action if appropriate; and provide advice to relevant authorities.
- 1.2 To achieve this, the Redgrave Court Incident Suite will be activated as the ONR's central information and communication hub and away teams will be dispatched appropriate to the nature and location of the emergency.
- 1.3 This procedure applies when, after following ONR-EP-IN-002 Emergency Arrangements – Initial Notification and Event Classification (Ref 6.2), the Nominated Inspector determines that an Off-Site Nuclear Emergency is on-going.
- 1.4 Where reference is made within this Instruction to a particular grade of inspector performing a particular role, when no inspector of that grade is available, an inspector who is of a grade below may act in that role (e.g. a Deputy Chief Inspector may deputise for the Chief Nuclear Inspector; a Principal Inspector may deputise for a Superintending Inspector; etc.).

2. PURPOSE AND SCOPE

- 2.1 This document defines the procedures that ONR will follow in responding to the declaration of an off-site nuclear emergency within the UK - a Class 1 event in ONR's emergency arrangements.

3. DEFINITIONS

- 3.1 **Class 1 event** – A declared off-site nuclear emergency at a GB Nuclear Site or an authorised Ministry of Defence site, or a nuclear warship site (Operational Berth).
- 3.2 **Strategic Coordination Centre (SCC)** – an off-site facility where the multi-agency local strategic response to the emergency is coordinated.
- 3.3 **Licensee Off-Site Facility (LOSF)** – A generic term for an ancillary emergency facility, located at some distance from the nuclear site, where the operator establishes a team to acquire and assess all relevant technical data, provide advice based on this assessment to the SCC and provide technical support to the site. For operational reactor sites in England and Wales and Scotland, the LOSF is established at the Central Emergency Support Centre (CESC) in Gloucester.
- 3.4 **Emergency Operations Centre (EOC)** – The Department of Energy & Climate Change EOC is established at 3 Whitehall Place, London and is responsible for briefing central government and co-ordinating any national response to a civil nuclear emergency in England or Wales.
- 3.5 **Scottish Government Resilience Room** – The SGoRR is located in Edinburgh, for briefing the Scottish parliament and co-ordinating the Scottish civil response to a civil or MOD nuclear emergency affecting Scotland.
- 3.6 **MOD HQ Defence Nuclear Emergency Organisation** – The DNEO is located within the MOD Main Building, Whitehall and provides advice to central (or devolved) Government and directs the MOD response to emergencies involving defence nuclear assets.
- 3.7 **Emergency Arrangements Communications Directory** – The EACD (Ref. 6.3) is the section of the Emergency Procedures Handbook that identifies personnel who are suitably qualified and experienced (SQEP) and have been trained to undertake

specified roles as part of the ONR emergency response, and provides their contact details. The EACD also contains the contact details of other relevant organisations.

4. PROCEDURE: MOBILISATION OF RESOURCE

4.1 NOMINATED INSPECTOR ACTIONS

- 4.1.1 Contact the CNI and inform them of the event, and confirm its classification and the proposed ONR response. Ask them to carry out the actions in section 4.2.
- 4.1.2 Contact the Site Inspector or suitable alternative and ask them to proceed to the site
- 4.1.3 Mobilise an inspector as Inspector 1 and ask them to carry out the actions in section 4.3.
- 4.1.4 Alert a suitably qualified and experienced inspector to become Deputy Director, and ask them to proceed to the RCIS.
- 4.1.5 Where any off-site nuclear emergency has been declared ensure that the Public Health England – Centre for Radiation, Chemical and Environmental Hazards (PHE - CRCE) has been informed.¹
- 4.1.6 Where an off-site nuclear emergency has been declared relating to civil nuclear site ensure that the DECC have been informed that an off-site nuclear emergency has been declared.²
- 4.1.7 If the Nominated Inspector is on the list of RCIS Directors within the EACD, proceed to the RCIS; otherwise, contact an appropriate inspector, inform them of the actions taken in steps 4.1.1 – 4.1.5 above, and ask them to proceed to the RCIS and to assume the position of Director on arrival.
- 4.1.8 Contact an SCC Lead Inspector and ask them to proceed to the RCIS, prior to leading the ONR away team attending the Strategic Co-ordination Centre.

4.2 CHIEF NUCLEAR INSPECTOR ACTIONS

- 4.2.1 Alert the Chief Executive Officer and the Chair of the ONR Board.
- 4.2.2 Maintain appropriate contact with the RCIS and advise it of contact telephone numbers, and if personally responding to the event, mobile communication links and planned destination.
- 4.2.3 Either respond personally or mobilise a DCI to represent ONR at the EOC (for civil emergencies) or MOD HQ (for defence-related emergencies).
- 4.2.4 For nuclear emergencies affecting Scotland, consider how ONR should be represented within the SGoRR. Where appropriate, ask that the Nominated Inspector arrange (via Inspector 1) to mobilise additional Inspectors to form the SGoRR away team.

4.3 INSPECTOR 1 ACTIONS

- 4.3.1 Mobilise an Inspector 2 and confirm that they are able to carry out the actions in section 4.4 below
- 4.3.2 Mobilise suitably qualified and experienced inspectorial and business support personnel to provide the SCC support team for the SCC Lead Inspector, in the following roles:

¹ ONR-EP-IN-002 para. 5.3 step 4 & Table 1 requires that CRCE be informed of a declared OSNE.

² ONR-EP-IN-002 para. 5.3 step 4 & Table 1 requires that DECC be informed of a declared civil OSNE.

- SCC Health Physicist
- SCC Inspector (Engineering)
- SCC Aide

- 4.3.3 Mobilise two Radiation Protection (RP) specialist inspectors as RCIS Health Physicists 1 & 2 and ask them to proceed to the RCIS. If no RP specialist inspector is available, contact an inspector with previous radiation protection or health physics experience.
- 4.3.4 Mobilise a Civil Nuclear Security (CNS) Inspector and ask them to proceed to the RCIS – except when the nuclear site licensee, operator or duty-holder has confirmed that the circumstances of the event are not security-related.
- 4.3.5 If within normal working hours, mobilise a member of the ONR Communications Team to become Communications Officer and ask them to proceed to the RCIS. Outside of normal working hours, contact the ONR Duty Press Officer (DPO) and ask them to proceed to the RCIS to become Communications Officer.
- 4.3.6 Alert a Superintending Inspector and two Inspectors³, to form the LOSF / CESC Away Team and ask them to proceed to the LOSF / CESC and that they contact the RCIS in order to receive a briefing on the situation prior to arrival at their destination.
- 4.3.7 Alert two suitably qualified and experienced inspectors to form the EOC / MOD HQ Away Team and ask them to proceed to either the EOC) or MOD HQ and that they contact the RCIS in order to receive a briefing on the situation prior to arrival at their destination.
- 4.3.8 If asked to by the Nominated Inspector, alert additional suitably qualified and experienced inspectors to form a SGoRR Away Team and ask them to proceed to the SGoRR and that they contact the RCIS in order to receive a briefing on the situation prior to arrival at their destination.
- 4.3.9 Then proceed to the RCIS, and assume the duties of RCIS Inspector 1 on arrival.

4.4 INSPECTOR 2 ACTIONS

- 4.4.1 If out of hours, alert the Redgrave Court reception to inform them that the Redgrave Court Incident Suite is to be opened up to deal with a nuclear emergency.
- 4.4.2 Mobilise four PDS personnel and two Inspectors, trained for RCIS duties, and ask them to proceed to the RCIS to undertake the following roles
- Lead Administration Officer
 - Information Officer 1
 - Information Officer 2
 - Telecommunications Officer
 - Situation Report Inspector
 - Lead Information Inspector
- 4.4.3 Mobilise two Inspectors (fault studies specialists (preferably) from the relevant programme) and ask them to attend Redgrave Court to form the RCIS Technical Cell (civil nuclear emergency) or MOD Cell (MOD nuclear emergency).
- 4.4.4 Then proceed to the RCIS, and assume the position of RCIS Inspector 2 on arrival

³ Where practicable, one Health Physics specialist and one Engineering specialist

5. PROCEDURE: DEPLOYMENT AND OPERATION

5.1 The CNI will:

- Brief the Secretary of State and other government ministers on request.
- Approve the ONR media strategy in consultation with the CEO and Chair of the ONR Board.
- Represent ONR at national press conferences.

5.2 All other personnel will, once deployed, perform the duties assigned to their specific roles, as defined in the ONR Nuclear Emergency Handbook (Ref 6.1)

6. ASSOCIATED DOCUMENTS

- 6.1 ONR Nuclear Emergency Handbook (TRIM Folder 4.10.3.238.).
- 6.2 ONR-EP-IN-002 – Emergency Arrangements – Initial Notification and Event Classification.
- 6.3 Emergency Arrangements Communications Directory (EACD), (TRIM Folder 4.10.3.238.).

7. APPENDIX: MOBILISATION SUMMARY LISTS

Nominated Inspector mobilises		Chief Nuclear Inspector notifies	
Chief Nuclear Inspector	↗	CEO	
Site Inspector		Chair of ONR Board	
Inspector 1	→	Inspector 1 mobilises	
Deputy Director [RCIS Director*]		Inspector 2	→ <b style="background-color: #006666; color: white;">Inspector 2 mobilises
SCC Lead Inspector		SCC Superintending Ins.	Situation Report Ins.
		SCC Health Physicist	Lead Information Ins.
		SCC Engineering Ins.	Lead Admin Officer
		SCC PDS Aide	Information Officer 1
		Health Physicist 1 & 2	Information Officer 2
		CNS Inspector	Telecomms Officer
		Communications Officer	Technical Cell 1 & 2
		LOSF / CESC Team	<i>or</i>
		EOC or MOD HQ Team	MOD Enclave 1 & 2
		<i>SGoRR Team (if required)</i>	

* If Nominated Inspector is not SQEP for RCIS Director role