Ministerial Reporting Criteria (MRC)

All reporting criteria in this table must be read in the context set out in guidance ONR-OL-PROC-002, and ONR-OL-GD-002 to 006 relevant to ONR purposes of regulation. This guidance references the detail and expectations for these categories.

Reporting times for all criteria listed in the table are **immediate**.

Generic

| Description of criteria | Origin oflegislation (ONR Incident category) | Ministerial Reportable Criteria (MRC) |
| --- | --- | --- |
| Events likely to attract, or that have attracted, significant national media or public attention. | (AN01) | MRC-MEDIA |
| Events that are categorised as INES level 2 and above. | (INES) | MRC-INES |

Nuclear site health and safety

| Description of criteria | Origin oflegislation (ONR Incident category) | Ministerial Reportable Criteria (MRC) |
| --- | --- | --- |
| Events reportable to ONR under the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR) 2013 which resulted in either:One or more deaths at a nuclear licensed site;**or**Two or more persons (workers or non-workers) suffer non-fatal but RIDDOR reportable injuries. | RIDDOR'13(HS01) | MRC-NSHS |
| A major accident meaning an occurrence such as a major emission, fire, or explosion resulting from uncontrolled developments in the course of the operation of any establishment to which the Control of Major Accident Hazards (COMAH) Regulations 2015 apply, and leading to serious danger to human health or the environment (whether immediate or delayed) inside or outside the establishment, and involving one or more dangerous substances. | COMAH'15 |

Nuclear safety and radiological safety

| Description of criteria | Origin oflegislation (ONR Incident category) | Ministerial Reportable Criteria (MRC) |
| --- | --- | --- |
| 3(a) any occurrence on a licensed site involving the emission of ionising radiations or the release of radioactive or toxic substances, causing or likely to cause death, or serious injury, on or off the site. | NI(DO)R'65(RS01) | MRC-SAF-01 |
| 3(b) any occurrences during transport causing or likely to cause death or serious injury or the breach of containment of a transport package. | NI(DO)R'65(TS01) |
| 3(c) any explosion or fire on a licensed site affecting or likely to affect the safe working or safe condition of the nuclear installation. | NI(DO)R'65(NS01) |
| 3(d) any uncontrolled criticality excursion. | NI(DO)R'65(NS02) |
| Confirmed exposure to radiation of individuals which exceed or are expected to exceed, the dose limits specified in Schedule 3 to the Ionising Radiation Regulations 2017 (IRR17). | IRR17(RS08) | MRC-SAF-02 |
| Any incident that meets either of these criteria:a) Any operations that identify defects or misconfigurations with higher classification safety Systems, Structures and Components (SSC) that prevent performance of the SSC’s safety case defined nuclear safety functions (NS08)**or**b) Any safety analysis and/or quality assurance activity that identifies higher safety classification Systems, Structures and Components cannot perform their safety case defined nuclear safety functions (NS12).**and**the overall impact means that an adequate safety case to continue operations cannot be made. | NI(DO)R'65(NS03) | MRC-SAF-03 |
| Abnormal occurrences leading to a confirmed release to atmosphere or spillage of a radioactive substance which exceeds or is expected to exceed, the limits set out in Column 5 of Part 1 of the Ionising Radiation Regulations 2017 (IRR17), except where the release is in a manner specified in an Authorisation under the Environmental Permitting Regulation 2010 or Environmental Authorisations (Scotland) Regulations 2018 (EASR18). | IRR17(RS02) | MRC-SAF-04 |
| Abnormal occurrences leading to a release or suspected release or spread of radioactivity, on or off site, which requires special action or special investigation by the Operator. | NI(DO)R'65(RS03) | MRC-SAF-05 |

Transport

| Description of criteria | Origin oflegislation (ONR Incident category) | Ministerial Reportable Criteria (MRC) |
| --- | --- | --- |
| A radiation emergency: a situation arising during the course of the carriage of a consignment of class 7 goods that requires urgent action in order to protect workers, members of the public or the population (either partially or as a whole) from exposure; Or, Any occurrence during the carriage of nuclear matter, causing or likely to cause death, or serious injury to persons by reason of the radioactive properties of such nuclear matter.Or,Emergency arrangements have been initiated in relation to class 7 goods even if, in the event, no intervention was made pursuant to those arrangements. | CDG'09NI(DO)R'65(TS01)(TS03) | MRC-TRAN-01 |
| Theft or loss of High Consequence Radioactive Material in carriage (High Consequence Radioactive Material (HCRM) is defined in ADR 1.10.3.1.3.) | CDG'09(TS02) | MRC-TRAN-02 |
| An occurrence during loading, carriage or unloading of class 7 dangerous goods involving (a) any release of activity greater than A2 (IAEA SSR6 Table 2) of radioactive material from the packages or from the conveyance if being transported unpackaged; or (b) exposure leading to a breach of the limits set out in IRR17 to workers or members of the public. | ADR(TS04) | MRC-TRAN-03 |
| An occurrence during loading, carriage or unloading of class 7 dangerous goods, where there is reason to believe that there has been a significant degradation in any Type B(U), Type B(M), Type C or Fissile package safety function (containment, shielding, thermal protection, or criticality) that may have rendered the package unsuitable for continued carriage without additional safety measures. (As defined in ADR 6.4).  | ADRNI(DO)R'65(TS05) | MRC-TRAN-04 |
| An occurrence where class 7 dangerous goods have been transported with any non-compliance regarding radiation or contamination levels where those levels are greater than ten times the prescribed regulatory limits (as set within ADR); excluding where material activity is within excepted package limits. | ADR(TS06) | MRC-TRAN-05 |

Safeguards

| Description of criteria | Origin oflegislation (ONR Incident category) | Ministerial Reportable Criteria (MRC) |
| --- | --- | --- |
| An event affecting the health and safety of IAEA safeguards personnel,This includes conventional health and safety injuries, unexpected radiological exposure/dose and any other accidents or rule breaches that have a negative impact on the individual’s health and safety. | IAEA VOA(SG01a/i) | MRC-GUARD-01 |
| Denial or restriction of IAEA inspector access to a facility/site/location where access would be expected in accordance with the UK/IAEA Voluntary Offer Safeguards Agreement (VOA) (INFCIRC/951) or the UK Additional Protocol Agreement (INFCIRC/951 Add. 1). | IAEA VOA(SG01a/ii) | MRC-GUARD-02 |
| IAEA safeguards seals on equipment or plant deliberately detached by non-IAEA staff, lost or showing signs of deliberate tampering, or evidence of tampering with IAEA equipment. | IAEA VOA(SG01a/iii) | MRC-GUARD-03 |
| A discrepancy involving 1 significant quantity (as defined in NS(EU)R'19) or more of qualifying nuclear material resulting from material unaccounted for (MUF), or shipper-receiver differences (SRD). | NS(EU)R'19(SG01b/i) | MRC-GUARD-04 |
| Failure to locate a discrete ‘item’ containing qualifying nuclear material as it is reported in the operator’s nuclear material accountancy system. | NS(EU)R'19(SG01b/ii) | MRC-GUARD-05 |

Security

| Description of criteria | Origin oflegislation (ONR Incident category) | Ministerial Reportable Criteria (MRC) |
| --- | --- | --- |
| Any malicious unauthorised incursion on to the premises or any attempted or suspected such incursion | NISR'03(SC10a) | MRC-SEC-01 |
| Any incident occurring on the premises involving an explosive or incendiary device or suspected such device, or a firearm or replica firearm | NISR'03(SC10b) | MRC-SEC-02 |
| Any theft or attempted theft, loss or suspected loss, or unauthorised movement of: nuclear material used or stored on the premises; nuclear material in transit to or from the premises; and in the case of premises which form part of a nuclear site, any theft or attempted theft, loss or suspected loss, or unauthorised movement of other radioactive material used or stored on them. | NISR'03(SC10e)IRR17(RS13) | MRC-SEC-03 |
| Any theft, attempted theft, suspected theft, or, any loss or unauthorised disclosure of, sensitive nuclear information classified as SECRET or above. | NISR'03(SC10f & 22a) | MRC-SEC-04 |
| Any unauthorised access, or attempted unauthorised access to sensitive nuclear information classified as SECRET or above. | NISR'03(SC10g & 22b) |
| Any confirmed cyber attack that resulted in the compromise (loss of confidentiality, integrity or availability) of:* Operational Technology categorised as ‘minor’ or above.
* Information Technology and/or associated network(s) handling sensitive nuclear information.
 | NISR'03(SC10j) | MRC-SEC-05 |