4. Description - Regulatory & Legal

(N Series)

Code	Title	Target Audience	Summary
N2	ONR's Emergency Response - Induction	Foundation training for all ONR inspectors and DDS.	To inform staff of ONR's emergency arrangements in response to nuclear, security conventional conventional (including COMAH) emergencies on duty holder sites or during transport of radioactive material (Class 7)
N3	ONR Emergency Evaluation	Foundation training for all ONR inspectors	To train ONR staff in evaluating adequacy of command and control arrangements during exercises at duty holder sites * pilot course to be delivered April 23 as course being rewritten with delivery to be reviewed
N4	ONR Crisis Management Refresher (RCIS) Withdrawn replaced by E49 ONRs Emergency Response – Introduction (Refresher)	Recommended training every 3 years for all ONR inspectors	For staff likely to have a role evaluating the command and control exercise of licensees, or in any RCIS role for exercises or emergencies.
N5	ONR Conventional Safety	Foundation training for all ONR inspectors	For staff to develop an understanding of conventional safety and health matters of evident concern and potential major concern Prerequisite – read Technical Inspection Guide 51 – Regulation of Conventional Health & Safety on GB Nuclear Sites

Code	Title	Target Audience	Summary
N6	ONR Effective Regulation	Mandatory training to achieve Full Warrant status for all ONR inspectors Recommended training for selected DDS.	For staff to develop the underlying knowledge, understanding, skills and behaviours to enable them to carry out their role effectively and support ONR to meet the obligations and expectations of an effective regulator. Prerequisite – E9 Enabling Regulation
N7	ONR Human and Organisational Factors	Foundation training for all ONR inspectors	Staff wishing to improve their general understanding & application of Human Factors technology in the nuclear industry.
N8	ONR Inspection for Compliance against the lonising Radiations Regulations 2017.	Recommended training for all ONR inspectors	For staff involved in inspection for compliance with IRR 2017. Prerequisite – attend B25 initially and undertake e-learning E14 "Basics of Radiation Protection" if B25 attended over 3 years ago
N10	ONR Nuclear Inspection Basics	Foundation training for all ONR inspectors. Supports transition from limited to full warrant. Recommended training for selected DDS staff	Develops the underlying knowledge and understanding of the basics of conducting site inspections and effective written regulatory communication. Prior to attending this course, we strongly advise that you should complete the activity listed on Academy online, so that you are well prepared on the day. There are several questions for you to consider as part of the preparation with a knowledge check during the tutorial session.

Code	Title	Target Audience	Summary
N11	ONR Introduction to Law	Mandatory training to achieve Full Warrant status for all ONR inspectors Recommended training for selected DDS staff.	Develops an understanding of the principles of law and the legal system. PREREQUISITE FOR THE MAIN LEGAL SERIES
N12	ONR Introduction to Regulation	Mandatory training to achieve Full Warrant status for all ONR inspectors	Develops an understanding of how to read, understand and interpret relevant legislation. Part of the legal series. Prerequisite N11 – ONR Introduction to Law
N14	ONR Introduction to Investigation	Mandatory training to achieve Full Warrant status for all ONR inspectors	Develops an understanding of ONR's investigation process, the legislation that informs how to conduct an investigation and evidence collection. Part of the legal series. Prior to attending this course, we strongly advise that you should complete the activity listed on Academy online, so that you are well prepared on the day. There are several questions for you to consider and E-learning with a knowledge check during the tutorial session. Prerequisite N11 – ONR Introduction to Law
N14a	ONR Refresher Introduction to Investigation	Mandatory training for all Operational inspectors since September 2016	Provides an overview of the ONR procedure for Planning and Conducting Investigations, as given in ONR-ENF-GD-005 and associated guidance. Attendance required every 5 years

Code	Title	Target Audience	Summary
N15	ONR Regulatory Judgements & Formal Enforcements	Mandatory training to achieve Full Warrant status for all ONR inspectors	Develops an understanding of the proper exercise of discretion, and the legal requirements and good practice for drafting and serving enforcement notices. Part of the legal series. Prior to attending this course, we strongly advise that you should complete the activity listed on Academy online, so that you are well prepared on the day. There are several questions for you to consider and E-learning with a knowledge check during the tutorial session. Prerequisite N11 – ONR Introduction to Law Note: E-Learning E4 Introduction to EMM is currently under revision and not available
N16	ONR Mechanics of Nuclear Safety Assessment	Foundation training for all ONR inspectors. Supports transition from limited to full warrant. Recommended training for selected DDS staff.	Provides an overview of the legal basis of safety case assessment, the criteria for regulatory decisions, decision making process and the mechanics of assessment.

N17	ONR Legal Update (by invitation renewal of warrants)	Mandatory training for all ONR inspectors every 5 years to retain full warrant	To refresh inspectors' competence in expressing ONR's vires and the associated legal framework. Prior to attending this course, we strongly advise that you should complete the activity listed on Academy online, so that you are well prepared on the day. We also suggest you take the E38 - N17 Legal refresher course and review the warrant viva competencies in Appendix 5 of ONR-HR-GD-005 - Issue and control of ONR warrants and AVO identification cards.
N17a	ONR Legal Refresher – ONR inspectors	HSE inspectors – dates expected Oct – March	HSE Inspectors, appointed with ONR warrants, understand how ONR was created, its purposes, and are able to use the enforcement powers granted to them by ONR, in accordance with ONR's policies and procedures
N18	ONR Radiological Protection Management Training for CDMs	Mandatory training for relevant staff only Mandatory refresher (every 5 years)	For CDMs who have responsibility for staff visiting nuclear sites. Prerequisite – attend B25 initially and undertake e-learning E14 "Basics of Radiation Protection" if B25 attended over 3 years ago

N19	ONR Personal Safety at Site	Mandatory training to achieve Full Warrant status for all ONR inspectors Mandatory refresher for all ONR Inspectors (every 5 years) Recommended training for selected DDS staff	Raises awareness of circumstances which may put staff at risk of injury or harm during site visits and ONR arrangements for managing such risks. Prior to attending this course, we strongly advise that you should complete the activities listed on Academy online, including watching a video, so that you are well prepared on the day. To spend approx 2-3 hours familiarising yourself with the topic areas that will be referring to during the course: i) ONR-INSP-GD-064 Compliance Inspection Guide (section 5, Appendix 1 & 2) ii) ONR-IPS-IN-001-IRR17 Procedure for Sites with Radiological Hazards iii) Nucleus pages covering: • COVID-19 • Health & Safety (visiting staff, safety topics, driving at work, report and incident) • Health topics (and mental health & wellbeing)
N20	ONR Nuclear Chemical Process	Recommended training for nuclear safety inspectors	For staff whose duties involve inspection or assessment of nuclear chemical plant.
N21	ONR Induction Programme	Recommended training for all ONR inspectors Recommended training for all DDS staff.	To explain to new starters what ONR is, what it does, and what is regulation
N21a	ONR Regulatory Approach – a legal overview for senior managers	Recommended training for Senior managers new to ONR	To provide senior managers in ONR with an overview of the key aspects of the legal framework and how ONR regulates within it.

N23 Part 1	ONR Nuclear Law for Inspectors Part 1	Mandatory training to achieve Full Warrant status for all ONR inspectors	Develops an understanding of nuclear law and its regulation. Prerequisite N11 – ONR Introduction to Law
N23 Part 2	ONR Nuclear Law for Inspectors Part 2	Recommended training for inspectors moving from a limited warrant to a full warrant	This is the last legal workshop for most inspectors before taking their full warrant test. Therefore, we use this course as a revision / refresher of some key concepts and topics. The course also provides an opportunity for existing ONR inspectors who are not fully warranted to refresh their knowledge.
N23ii	ONR Nuclear Law for Inspectors Part 2	Withdrawn conte B36	nt included in courses N46, B30 &
N28	ONR Nuclear Operational Inspection	Recommended training for nuclear safety inspectors	To provide staff new to the role of nuclear safety site inspection a basic understanding of their role and responsibilities. The course can also be used as refresher training for existing site inspectors. The course may also be suitable for staff undertaking the role of nuclear safety project inspector. This course is not generally suitable for staff undertaking nuclear safety assessment work only.
N31	ONR Regulating Criticality Safety	Foundation training for nuclear safety and nuclear transport inspectors	To provide a basic understanding of the factors affecting regulation of criticality safety, understand what 'good' looks like at a duty holder's facility and the legislation and guidance which apply. Prerequisite B27 – Introduction to Criticality Safety

N33	ONR ALARP Workshop WITHDRAWN TO BE REPLACED WITH A GENERAL 5 PURPOSE WORKSHOP	Foundation training for safety and nuclear transport inspectors	To provide legal and regulatory training in the application of ALARP principles in nuclear safety assessment, permissioning and inspection. Prerequisite B33 – ALARP Mandatory training
N34	ONR Nuclear Safety Assessment Core Principles	Foundation training for nuclear safety inspectors. Supports transition from limited to full warrant.	Provides a detailed insight into the core technical principles of nuclear safety case assessment.
N35	ONR Visiting Duty Holder Sites	Withdrawn – ama in Inspection	algamated with N19 Personal Safety
N36	ONR Expectations for Safety Cases and the Safety Case Production Process	Recommended training for all Site & Specialist inspectors	Provides an appreciation of ONR's expectations for a high reliability process in safety case production. No prior knowledge of safety cases is required
N37	ONR Mechanical Engineering Assessment	Recommended training for all inspectors involved in or with mechanical engineering inspection or assessment	To provide delegates with an understanding of the key areas of mechanical engineering assessment.
N38	ONR Regulation of Radioactive Waste & Decommissioning	Recommended training for all ONR inspectors	To provide an overview of the regulation of radioactive waste and other liabilities (including nuclear matter, spent fuel, plutonium, uranics, contaminated land and Ministry of Defence (MoD) owned liabilities) on a nuclear licensed site

N39	ONR Regulation of Decommissioning	Recommended training for all ONR inspectors	To provide an overview of the regulation of decommissioning on nuclear licensed sites. This is not exclusively focused on sites which are, or are about to, undergo decommissioning, but reflects expectations throughout the lifecycle of the nuclear facility
N44	ONR Regulatory Assurance – Defence in Depth	Withdrawn	
N46	ONR Knowledge Management Introduction	Withdrawn	
N46(i)	ONR Knowledge Management Tools & Techniques	Withdrawn	
N47	ONR Transport Regulation Inspection	Recommended training for all ONR inspectors	To provide an understanding of the legal framework and procedures used in regulating the transport of radioactive materials.
N48	ONR Security Training for Non- Security Specialists	Recommended training for all ONR inspectors	To provide an understanding of the wide scope of security requirements for the civil nuclear industry.
N50	ONR Delivering Balanced Assessment Judgements – a practical workshop	Recommended training for all ONR inspectors	Provides an outline of the structure, content and requirements of an effective assessment report.
N51	ONR Internal Hazards Awareness	Recommended training for all ONR inspectors	To provide inspectors with an understanding and overview of the internal hazards specialism and how it integrates with other specialisms as part of nuclear safety assessment and inspection work.

N52a	ONR Overview of Structural Integrity Assessment	Recommended training for all ONR inspectors	Focuses on the familiarisation of general topics associated with structural integrity assessment
N52b	ONR Structural Integrity Assessment Technical Topics	Recommended training for ONR inspectors only seeking an appreciation of structural integrity assessment	Overview of technical topics used in structural integrity assessments Attendance at Part B is recommended but not compulsory for inspectors only seeking an appreciation of structural integrity assessment
N53	ONR Graduate Induction	Foundation training for all Graduate Trainees recruited on to the Nuclear graduate training scheme.	A consolidated induction, policy/legal and personal safety briefing for all graduates etc. working in ONR. Withdrawn – can be accommodated via N19 and N21
N54	ONR Civil Engineering Essentials for the non-specialist	Recommended training for all ONR inspectors	To raise awareness of the scope and role of civil engineering structures in assuring safety and security.
N55	ONR Control & Instrumentation Assessment and Inspection	Recommended training for all ONR inspectors	A half day course to give all inspectors an appreciation of the key areas of control & instrumentation (C&I), enabling them to engage efficiently and effectively with C&I specialist inspectors during assessment and inspection activities. Also, to enable all inspectors to independently identify and raise areas of potential concern with C&I specialist inspectors
N56a	ONR Conventional Safety Aspects of Electrical Engineering Equipment	Recommended training for all ONR inspectors	To provide an introduction to the electrical engineering specialism within ONR

N56b	ONR Nuclear Safety and Security aspects of Electrical Power Systems	Recommended training for Engineering Specialist inspectors	To provide an introduction to the electrical engineering specialism with ONR, and key aspects of assessment and inspection
N57a	ONR Introduction to Transport Regulation Assessment	Recommended training for all ONR inspectors	This module is required for all inspectors prior to completing N57b, c or d. It would also be beneficial for all staff who want to understand the basis for transport approvals.
N57b	Mechanical/ Thermal	Recommended training for all ONR inspectors	This module is aimed at those inspectors involved in the assessment of the thermal and mechanical (containment/structural) aspects of transport design approval. The N57a is a required pre-module.
N57c	Criticality/ Radiation Protection	Recommended training for all ONR inspectors	This module is aimed at those inspectors involved in the assessment of the criticality and radiation protection (shielding and content activity) aspects of transport design approval. The N57a is a required premodule.
N57d	Safety case, Management systems & Project inspector role	Recommended training for all ONR inspectors	This module is aimed at those inspectors involved in the assessment if the safety case and management systems aspects of transport design approval. It also covers the processes and document production requirements for those inspectors acting as a project inspector. N57a is a required pre-module.
N58	ONR External Hazards Basics	Recommended training for all ONR inspectors	To provide inspectors with an understanding of the key areas of external hazard assessment and the interactions with their own and other specialisms.

N59	ONR Radiological Consequences Course	Recommended training for all ONR inspectors	Provides an overview of the ONR approach to radiological consequences and the codes and models used in their prediction, and how they influence the advice that we give. Prerequisite on recruitment – B25 NUC Radiation Hazards Fundamentals
N60	GTA Training	Withdrawn	
N61a	ONR Role Specific Training for RCIS Directors and Deputy Directors	Recommended training for all prospective Directors and Deputy Directors in the RCIS	For staff likely to undertake the Director or Deputy Director role in Redgrave Court Incident Suite.
N61b	ONR Role Specific Training for RCIS Band 1 & 2 Inspectors	Recommended training for all Band 1 & 2 inspectors	To prepare participants for discharging their duties as an inspector in ONR's integrated response to an emergency.
N61c	ONRs Emergency Response – Role Specific Training- Technical Cell	Foundation training For all ONR inspectors who populate the tech cell	To learn about RCIS Tech Cell tasks, resources, tools, and operation practices – by a lecture and desktop exercises in safe environment.
N62	Desktop Exercises	Withdrawn	
N63	ONR CESC Familiarisation Training	Recommended training for ONR staff who may be required to attend the CESC.	For staff who may be required to attend the Central Emergency Support Centre at Barnwood.

N64	ONR Assessment Practitioners Masterclass	Recommended training for all ONR inspectors	A day of structured debate around a number of assessments, identifying areas of good practice and lessons to be learned. Pre-requisite N16, N34 & N50
N66	ONR Approval Officer Training	Withdrawn	
N67	ONR Introduction to Nuclear Security Plan Assessment	Foundation training for all ONR Nuclear Security inspectors	To understand the basics of nuclear security plan assessment broken into modules to allow integration of the various targets.
N67i	ONR Introduction to Nuclear Security Plan Assessment – for Dutyholders	Withdrawn - cour	se to be delivered by NDA
N68	ONR Project Inspector	Recommended training for ONR Safety inspectors	To understand the project inspector role within ONR and how to actually deliver the role with greater effectiveness.
N69	CNSS Induction Course	Recommended training for Civil Nuclear Security & Safeguards inspectors (CNSS)	An introduction to the breadth and diversity of CNSS's regulatory responsibilities

N70	ONR Specialist/Expert Witness Training	Recommended training for all Professional Leads (PLs), Inspectors nominated as potential expert witnesses, and ONR Investigation Core Team inspectors	To ensure that ONR makes appropriate use of specialists and expert witnesses during investigations
N71	ONR Nuclear Security Law	Recommended training for Civil Nuclear Security inspectors	To provide inspectors with a broad understanding of civil nuclear security regulation in the UK and how that fits within the wider international frameworks.
N72	RSL Assessor Training	Recommended training for RSL Assessors	To provide delegates with the skills and qualification necessary to assess and verify competence in the work environment to a country-wide recognised standard (Edexcel level 3)-Withdrawn
N73	ONR Investigative Interviewing Briefing	Recommended training In Development	To provide investigative interviewing technique skills – Withdrawn
N74	ONR Accident Chemistry -	Recommended training on demand for all ONR inspectors	To provide familiarisation on the latest position on accident chemistry behaviour and mitigations for PWR reactors Withdrawn
N75	ONR Sodium Fast Reactors Withdrawn now E51	Recommended training for all ONR inspectors	The SFR course is to provide individuals with an understanding of the key issues associated with Sodium Cooled Fast Reactor technology, an understanding of current and previous reactor operations, potential regulatory challenges and ongoing research work. This is to mitigate one of the key challenges for the ANT programme to ensure inspectors are familiar with this specific reactor technology.

N76	ONR Reactive Metal course Withdrawn now E52	Recommended training for all ONR inspectors	The aim of this course is to provide individuals with a knowledge of reactive metals (alkali metals, alkali earth metals, transition metals, post transition metals and actinides), their behaviour under different conditions and how they can be treated to achieve passive conditions for long term storage within the nuclear industry. This should allow individuals to be better informed when addressing safety submission from duty holders related to the storage and treatment of reactive metals.
N77	Meteorological Hazards Course for ONR inspectors	Recommended training for all ONR inspectors	To enable inspectors to identify and address meteorological hazards which have the potential to affect nuclear safety.
N78	Visit to a duty holder site key interfaces and a "day in the life of" an ONR inspector	Recommended training for all non-inspectors	Provide ONR non inspectors with an opportunity to see "a day in the life of" an inspector and a duty holder site Withdrawn
N79	ONR Investigation training for Supporting DDS Staff	Recommended training for DDS staff	Provide an understanding of what criminal law is? How other types of law affect criminal law. Some of the processes and procedures ONR must comply with and the role DDS play in criminal investigations.
N81	ONR Lead Fast Reactor Technologies Withdrawn now E53	Recommended training for all ONR inspectors	This online course contains the video recordings of the Lead Fast Reactor (LFR) technologies seminar developed by Empresarios Agrupados ENEA and ANSALDO for ONR in 2020. Over the 2-days of recordings, the course covers the following topic areas:
N82	ONR Export	Recommended training for all ONR inspectors	Guidance on Export Control arrangements & recording of presentation given by Export Control Joint Unit (ECJU) July 2019 Withdrawn

N83	Webinar Learning from the Chevron Incident	Recommended training for all ONR inspectors	To provide developing inspectors an unique opportunity to gain an indepth understanding of the incident and its causes, by following a presentation delivered by the Lead HSE Inspector of the incident
N84	ONR Fukushima Visit & the Future of Radiation Workshop	Recommended training for ONR RP&C Specialism inspectors	To share with the RP&C Specialism an inspector's experience of attending an IRPA conference in Japan and a visit to the Fukushima site to review remediation progress. Withdrawn
N85	ONR Internal Hazards & Site Safety	Recommended training for ONR RP&C Specialism inspectors	To educate RP&C members on the developments in Nuclear internal hazards and conventional safety Specialism and what the specialisms scope is. To educate the RP&C Specialism in recent publication of ONR Policies and Risk Assessments for COVID Secure site and office attendance. Withdrawn
N86	ONR Nuclear Safeguards Law	Recommended training for ONR Safeguard inspectors	To provide Safeguard inspectors with an understanding of the global nuclear non-proliferation regime and the UK's international nuclear safeguards obligations On demand to be organised by divisions in liaison with ONR Academy
N87	ONR Introduction to Safeguards	Recommended training for non-Safeguard inspectors	To provide non safeguard specialists with an understanding of the scope of the UK's safeguards obligations and associated legislation
N88	ONR Legal Aspects of Safeguards	Recommended training for ONR Safeguard inspectors	To provide a comprehensive overview of the legal aspects of Safeguards, in particular, in relation to the UK. This includes international and domestic legislation.

N89	ONR Safeguards Technologies	Recommended training for ONR Safeguard inspectors	To provide an overview of qualifying nuclear material covered by Safeguards legislation and common technologies used by Operators or international inspectorates in support of implementation or verification of nuclear material accountancy and control
N90	High Temperature Gas Cooled Reactor Withdrawn now E54	Recommended training for all ONR inspectors	This course provides an overview of the High Temperature Gas Cooled Reactor (HGTR) a Generation IV Reactor design. This course is a virtual 2 day which has been adapted from the HGTR course which was delivered in 2018
N91	Evidence Gathering & Collection Withdrawn	Recommended training for ONR ICT inspectors	Develops an understanding of Evidence Gathering and Collection, the legislation that informs how to conduct evidence gathering and collection. Part of the suite of training for the ICT inspectors
N92	Conducting Evidence Based Investigation Withdrawn	Recommended training for ONR ICT inspectors	Develops an understanding of Conduct Based investigation, the legislation that informs how to conduct evidence based investigation. Part of the suite of training for the ICT inspectors Prerequisite N91
N93	Interviewing Witnesses and Victims Withdrawn	Recommended training for ONR ICT inspectors	Develops an understanding of interviewing witnesses and victims, the legislation that informs how to conduct interviewing witnesses and victims. Part of the suite of training for the ICT inspectors Prerequisite N92
N94	Dealing with Suspects Withdrawn	Recommended training for ONR ICT inspectors	Develops an understanding of dealing with suspects, the legislation that informs how to deal with suspects Prerequisite N93

N95	Report Writing, Case Files & Prosecutions Withdrawn	Recommended training for ONR ICT inspectors	Develops an understanding of Report writing, case files and prosecutions the legislation that informs how to conduct report writing evidence gathering & collection. Part of the suite of training for the ICT inspectors Prerequisite N94
N96	RLT Briefing on ONR Investigations Withdrawn	Recommended training for ONR Executive Directors	To provide a forum for consideration international and UK legislation/standards impact on ONR investigation and prosecution activities
N97	Hydrogen Course Withdrawn now E55	Recommended training for all ONR inspectors	The purpose of the hydrogen training is to improve the awareness of hydrogen as a hazard from various sources and help understand the potential consequences of a hydrogen event. Consists of 12 module recordings
N98	Emergency Preparedness & Response Technical Cell Training Withdrawn now replaced by N61c	Recommended training for ONR Fault Studies, Radiological Protection & Criticality inspectors	To develop and maintain a pool of trained inspectors ready to join the RCIS Tech Cell during emergency exercises and actual incidents

CANCELLING A COURSE

If the Lead trainer is unable to deliver training on the allocated training date, it will be the responsibility of the Course owner to identify another specialist to deliver the training. If this is not possible, you will need to provide confirmation to the Academy team why the course should be cancelled.