

Appendix B - NDA Group - Summary of events confirmed as INES1 or higher during 2018/19

Site	Event Description	Final rating and duty holders comments on the event
INES 1 events		
Magnox - Wylfa	Incorrectly fitted fuel flask lid seal	Operators found an incorrectly fitted flask lid seal during checks. Sellafield fitted the seal, and the flask carried irradiated fuel from Wylfa to Sellafield with the incorrectly fitted seal on at least two occasions. The event had no safety consequence, but an INES1 rating is appropriate because the seal is a design requirement for emergency containment.
Sellafield	Corroded ventilation ductwork	<p>An inspection at site discovered a hole in ventilation ductwork which served one of the operational plants. Although the hole was downstream of the plant's filters, some air had escaped through the hole before reaching the authorised discharge point.</p> <p>In December 2018, the Environment Agency served Sellafield with an Enforcement Notice (the first at Sellafield for ten years) for this event requiring Sellafield to repair the defects, improve maintenance and develop a programme of inspection and repair of the ventilation ductwork across site. The event was subsequently rated INES1 and the rating was confirmed on 24 April 2019 by the National Officer.</p>

Process notes

- It is the site licence company's duty to report and investigate events on the site, to take action to control risks, and prevent recurrence. However, the NDA takes the safety of people working with radiation seriously and we have, working with the site licence companies concerned, reviewed all of the above. We were content that site licence companies had carried out a proper investigation, and learned from what happened.
- The International Nuclear and Radiological Event Scale (INES) is a tool for communicating the safety significance of nuclear and radiological events to the public. Events are rated at seven levels. A level 1 INES event is rated as an anomaly.
- Events are given a provisional INES rating by the site licence company
- The provisionally rated event is referred to the National Officer (an ONR Inspector), who decides the final rating reported to IAEA
- The latest information on INES events can be found at <https://www-news.iaea.org/>