

# Appendix B - NDA Group - Summary of events confirmed as INES1 or higher during 2019/20

Site	Event Description	Final rating and duty holders comments on the event
INES 1 events		
Sellafield	Leak from Magnox Swarf Storage Silo	Liquor level monitoring indicated a leak from the Magnox Swarf Storage Silo which culminated in contamination within the facility. There was no health risk to the workforce or the community. This incident was rated as an INES Level 2.
Sellafield	Uncertainty identified in weld specification of multi layered cans containing Nuclear Material.	Following a review of the outer package weld specifications of multi layered cans storing nuclear material, a potential uncertainty was identified regarding the package integrity in a loss of cooling scenario, this was rated as an INES level 1
Sellafield	Lack of PPE being worn during operational work.	During a post task review of the transfer of filters within the same building, it was identified that correct personal protective equipment had not been worn by some operators, however there was no impact to the people, plant or environment as a consequence. This was rated as an INES level 1.
Sellafield	Removal of a dummy shield plug conducted outside safety case arrangements.	During operations the removal of a dummy shield plug was conducted outside the scope of the safety case arrangements. There was no safety consequence as a result. This was rated as INES level 1.
Sellafield	Leak from concrete sump tank	Reducing liquid levels in a concrete sump tank in the legacy ponds area of Sellafield site were detected. Work is ongoing to characterise the reduction and additional monitoring and detection systems have been deployed. There is no health risk to the workforce or community resulting from this issue. This was rated as an INES level 1.

## 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/>