

NOT PROTECTIVELY MARKED

Office for Nuclear Regulation

Project Assessment Report: ONR-HPB-PAR-55-12

An agency of HSE

Revision 0

- 46 In many areas edge protection, debris netting was better than on previous (mid outage) inspection, however the FOD inspector felt that the exemplary standard in some areas should be applied to all areas. Additionally there seemed to be some confusion about where head-protection, hearing protection and light eye-protection should be worn. The licensee agreed to clarify this. ONR/FOD deemed the overall standard to be adequate.

3.1.12 Plant inspection - Fire protection (LC28 - conduct of the outage)

- 47 The project inspector sampled the arrangements for fire-protection, fire-barriers, fire doors and fire detectors with the fire safety engineer and the industrial safety lead.
- 48 The project inspector inspected the "Mulsifier" pump house, the H₂ compound, station transformer 4, the turbine hall and turbine hall control room, the Gas Turbine building paying particular attention to GT4. There were no issues of concern.
- 49 A further inspection covered the pile-cap and centre-block and within the gas circulator hall, at all levels. The project inspector focused on the area adjacent to the vessel entry complex on R4 where there had been works carried out recently to repair and replace the fire-barriers following removal of asbestos. The licensee agreed to address a number of minor issues which were observed, but overall there were no issues of concern.
- 50 ONR were not content with the adequacy of fire suppression equipment testing in the gas circulator hall and have received a commitment to remedy this in the upcoming interim outages. See also Internal Hazards section 3.2.10.

3.1.13 Control and Supervision of Operations (LC26)

- 51 The on-site work was inspected during plant walkdown / inspection concentrating on working areas within the gas circulator hall working up from the ground-floor of the building to the highest accessible working areas. During discussions with maintenance staff the ONR team was impressed by the knowledge and professionalism of the individuals carrying out the work and of particular note was an understanding that the requirements came from the safety-case. Supervision in the nuclear context was provided by check points in the instructions calling for verification of the safety case requirements.

3.2 Inspections carried out by Specialist Inspectors

3.2.1 Radiological Protection

- 52 In order to assess the Station's ability to offer adequate radiological protection during the Reactor 3 statutory outage an ONR specialist radiological protection (RP) inspector made two visits to site, one prior to the outage (27-28 Sept) and one during the outage (22-23 Oct). Intervention reports at refs 16 & 17 refer.