

22 January 2019, 1100, Cairo Room, Greenwich House

Present: Dr B Blacklaws (Chair), Mr M Elsdon, Dr I Henderson, Dr S Hoer,
Mr M G Majumdar (Vice-President Graduate Union), Dr G Martell, Mr A Moss,
Dr E Rees, Dr K Tibbles, Mr G Whish and Ms L Yates (Secretary)

1. Apologies for absence

Dr I Boros, Prof M Kalberer, Dr M Vinnell

2. Minutes

Minutes of the Sub-committee meeting held on 16 October 2018 were agreed and signed.

3. Matters Arising from the Minutes

- (i) Minute 13 (ii) 12.04.16: High Cross Waste Store - The Secretary reported that Estate Management's feasibility study was complete and options to build a modern pre-fabricated building that could be moved to a new location, if necessary in the future, were being discussed.
Minute 5 (iii), 16.10.18: Dr Simon Hoer reported that the store containing the Scott Polar Research Institute and Whipple Museum collection of radium items has been monitored using a passive radon monitor over the past 3 months following improvements in ventilation. The Safety Office have also used two electronic devices to monitor the room, which have indicated that measurements are now well below the (annual average) action level of 300 Bq m⁻³, and the results of the passive monitoring (due in February 2019) should confirm this.
- (ii) Minute 7, 16.10.18: The Secretary reported that updated paperwork had been provided to HSE in response to the Notification of Contravention issued to the University, and the HSE inspector has confirmed that they are satisfied with the response from the Department of Chemistry and the Safety Office. The points raised by HSE were applicable to all departments and will continue to be reinforced during LSO meetings, laser safety training courses and audits.

4. Membership and Remit

No changes to report.

5. Accidents and Incidents

- (i) The Secretary provided information on the accident / incidents reported to the Sub-committee.
- (ii) The Secretary mentioned other recent incidents that have occurred at WBIC. Accident report forms are yet to be processed, so the incidents will be formally reported at the next meeting. The Secretary reported that several incidents relating to the transfer and waste systems had led to the Safety Office commissioning an engineering review.

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This is concurrent with a planned cyclotron refurbishment being carried out by GE, and following this refurbishment, a service contract will be in place (although this will not include the associated transfer and waste systems).

The Secretary reported that dosimetry results indicate that a member of staff received a significant whole body dose in November 2018 which exceeds the formal dose investigation level under IRR17 (the annual dose limit has not been exceeded). A formal investigation is being carried out and documented.

Six monthly meetings with the RPA and WBIC RPSs are continuing, and minutes are sent to the Head of Department and noted at the Department Safety Committee.

6. Report from EARRPS

- (i) Vet School – X-ray equipment tests are due September 2019.
- (ii) MRC Epidemiology – Next audit is due October 2019 (3 yearly). Two DEXA scanners are due for testing this year (at Addenbrookes and Wisbech).
- (iii) WBIC – an IRMER audit was carried out on 7/12/18. The report and action plan have been written, which included the requirements of the new IRMER regulations.

7. Laser and other non-ionising radiations

The Secretary reported to the Sub-committee that the laser audits are continuing.

8. Training Courses

- (i) RPS Update meeting - Wednesday 27th March 2019. The programme and suggestions for a new speaker were discussed (Mr M Majumdar will enquire at the Cavendish).
- (ii) RPS two-day course - 25th and 26th June 2019, Department of Zoology. This course is jointly run between the University and EARRPS.

9. Building & Infrastructure

- (i) Bellatrix – Mr Mark Elsdon reported that, himself, the Secretary and Dr Simon Hoer had been on a tour of the building and the facilities were of a standard that should meet EA requirements. The type of glazing (“lead glass”) in the microPET area had been questioned and the Secretary confirmed that this was being followed up with the supplier. The design of fume hoods in relation to cleanability had also been questioned, but these are a standard modern design.
- (ii) Capella – Dr Keff Tibbles reported that opening date is due to be the beginning of April 2019. Dr Tibbles and Mr Mark Elsdon are discussing safety management arrangements for the building, and the Clinical School plans to inform departments of arrangements before they move in. Radiation areas are undergoing improvements to meet the Environment Agency standards. The textured flooring will remain in place although, for textured flooring, cleanability may be more difficult to prove to EA.
- (iii) Biomedical Campus – nothing to report.
- (iv) New Museums Site – nothing to report.
- (v) The MRC Toxicology Unit – The Secretary reported she attended a HADAR planning meeting recently regarding the Environment Agency's requirements for standards of facilities. When the Unit vacate the Leicester premises, evidence that no significant



contamination remains in the building will need to be provided to the Environment Agency before the permit can be surrendered.

- (vi) Physics – no information recently received.

10. Environment Agency

- (i) Central Site, 9 October 2018 - RASCAR not yet received, but no significant issues raised.
- (ii) CRUK-CI, 23 November 2018 - RASCAR not yet received, but no significant issues raised.

11. Health and Safety Executive

The Secretary reported that HSE are proactively carrying out inspections of areas of work which come under IRR17 registrations and consents (including a recent visit to a University cyclotron facility).

12. Resignations and New Appointments

Resignations and appointments were noted.

13. Meetings Attended

Members of the radiation protection team attended two regional networking meetings, and Dr Simon Hoer also attended a radiation protection seminar in November.

14. Other Business

- (i) The Secretary reported that Keith Harrington, DGSA, had reviewed the transport quality assurance folder and had advised on a few minor changes and updates in terms of transport regulations.
- (ii) The Secretary reported that the unsealed source audit programme is at an end and the next unsealed source audit programme will start in approximately one year's time (other audits are continuing).
- (iii) Home Office proposal/ consultation for replacement of sealed source irradiators - The Secretary reported she had been contacted by the Home Office regarding the proposal to replace sealed source irradiators with x-ray technology. The RPA sent the consultation information to certain RPSs for them to forward within their departments and all responses received have been sent to the Home Office. Although there are security and cost implications of the proposals, there are no significant radiation protection implications.
- (iv) Mr Graham Whish reported that two sets of regulations are to be updated; Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations (CDG - Transport) and the Radiation (Emergency Preparedness and Public Information) Regulations (REPPiR). A significant change under CDG is that the emergency contingency plan will need to be rehearsed every 3 years and ONR will require a report on the outcome of the rehearsal, although it is not clear as to whether this will apply to excepted or to "Type A and above" transports. There are some changes to REPPiR, but these regulations are not expected to impact on Universities or hospitals.



15. Dates of next meeting

2 April 2019 at 11.00am in Greenwich House (Cairo meeting room).

The Chairman will be unable to attend this meeting.

Parking can be booked at Greenwich House - please give notice.