

21 January 2020, 1100, Cairo Meeting Room, Greenwich House

Present: Dr B Blacklaws (Chair), Mr M Elsdon, Dr I Henderson, Dr S Hoer, Dr G Martell,
Mr A Moss, Dr K Tibbles, Dr M Vinnell, Mr G Whish and Ms L Yates (Secretary)

1. Apologies for absence

Dr I Boros, Prof M Kalberer and Dr Sam Stranks.

2. Minutes

Minutes of the Sub-committee meeting held on 15 October 2019 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 a decision paper is being presented to the next Space Management and Minor Works Sub-Committee and works are expected to begin in April/May. A permit variation will be applied for regarding temporary storage whilst the works are being undertaken.
- (ii) Minute 5 (ii), 22.01.19: WBIC Engineering review – Dr Boros was not available to attend this meeting, however he informed us that the interviews for the post of Electrical Engineer take place tomorrow (22.01.2020) and there are 5 candidates.
- (iii) Minute 6 (iv), 02.04.19: Addenbrooke's Trust Radiopharmacy/University Radiology Department - The Secretary provided some background as discussed at the October meeting regarding the 2019 significant accrued doses recorded for a University employee. Visits have been made to the facility to investigate, and in conjunction with local management, radiation protection arrangements are being reviewed. The hospital has requested quote(s) for an improved mobile shield. The original room requirements had requested an isolator for work with Gallium-68 however the floor bearing was not sufficient, some adaptations have been made to the isolator installed for this work to be undertaken. The Secretary had recommended that an electronic personal dosimeter be provided for this worker as he is carrying out work in several different areas.
- (iv) Minute 14 (iii) 02.04.19: Radon risk assessment survey – Simon Hoer reported that the survey was on-going with acceptable results and the electronic monitor is proving to be cost effective and efficient method of monitoring in comparison to passive monitors. In areas where slightly higher than normal results had been found, minor improvements to ventilation had been advised to ensure doses are ALARP.
Minute 7, 15.10.19: Veterinary School mobile MRI arrangements – the scanning service is provided by Burgess Diagnostics, and they provide a radiographer for undertaking the scans, however University staff are required to assist with moving the animals into the area prior to the scans. Suitable arrangements are in place to protect University staff with respect to electromagnetic field safety.

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4. Membership and Remit

New appointment from the School of Technology - Dr Sam Stranks, Chemical Engineering and Biotechnology, although apologies noted for this meeting.

5. Accidents and Incidents

- (i) The Secretary provided information on the accidents / incidents reported to the Sub-committee.

6. Report from EARRPS

Mr Whish reported

Vet School – three yearly X-ray equipment tests undertaken, the main comments:

- Warning light review as not automatic or failsafe
- Manual collimation needed for the Villa Medical Genius HF fluoroscopy system
- Image quality of Villa system has deteriorated due to its age, so doserates have been increased to compensate. May need to consider replacing the unit if doserates can't be reduced whilst maintaining satisfactory image quality
- No local rules in evidence for the Phillips BV Pulsera C-arm
- Similar issues with increased doses and poorer IQ for BV Pulsera.
- Picker CD38 not used clinically for > 5 years. Not tested and recommended sign placed on it stating UNIT NOT IN USE – EARRPS TO TEST FIRST.

MRC Epidemiology – three yearly IRR/IRMER audit undertaken, this included a “patient journey” audit. Main points from audit:

- RP remains very well managed
- Adopt use of AxREM form with GE for DEXA servicing
- Minor tweaks to IRMER Eps

EARRPS anticipate providing a 3 year RP refresher training session in summer 2020.

DEXA sites, the Ely site is due to be visited May 2020.

WBIC IRMER Support – proposals have been drawn up re the use of Gallium-68 at WBIC. The plans for work carried out by the Trust using WBIC PET-MR facilities are progressing and minor changes to the WBIC IRMER Employer Procedures will be required.

7. Laser and other non-ionising radiations

The Secretary reported that the recent LSO update meeting included a useful “lessons learned” discussion on a laser incident involving accidental exposure to a Class 3B laser. Recent UV incidents were also discussed and Mark Elsdon suggested that a session on UV safety could be included at the upcoming DSO event.



8. Training Courses

- (i) RPS Update meeting 25 March 2020 - The Secretary reported that the Department of Computer Science and Technology has been approached to accommodate the RPS update and one of their lecture theatres has been provisionally booked for the event. Martin Vinnell is unable to attend however Barbara Blacklaws has agreed to chair this meeting. Possible talks were discussed and will be confirmed outside of this meeting.
- (ii) RPS two-day course dates confirmed – 23rd and 24th June 2020. The Department of Zoology have confirmed they are able to host the course again.

9. Building & Infrastructure

- (i) Anne McLaren Building – the Secretary reported that the necessary EPR Permits are progressed and in place following meetings and correspondence with the Environment Agency. It is noted that the Environment Agency are challenging new permit applications, and all permit variations are carried out to exacting standards with increased reference to EA's legal team.
- (ii) Jeffrey Cheah Biomedical Centre – this building is now completed and will be removed from the agenda.
- (iii) Biomedical Campus Atria – allied to Papworth Hospital. Dr Tibbles reported the construction is underway. There are two research floors and there will be some radiation work, but the RPA has not yet been consulted on the design of the radiation facilities. Dr Tibbles to provide contact details to the Secretary.
- (iv) The MRC Toxicology Unit (Hadar) – New building / refurbishment is underway. The timeline for these works has been changed and discussions are being held on proposals for the radiation work and EPR Permit issues relating to the Leicester site.
- (v) Department of Physics – “Cavendish III”. The building is under construction.
- (vii) National Institute of Agriculture Botany (NIAB)/Plant Sciences – New University facility embedded within the NIAB site (completion due early 2020). With reference to minute 9(i) and the Environment Agency's current approach to Permit applications, the Secretary remarked that it should not be assumed that an EPR Permit would be issued if the work could be carried out under an existing Permit in the Department's main building. If a Permit is required, details must be provided at the earliest opportunity.

10. Environment Agency

- (i) EA CTSA inspection, 19 December 2019, Anne McLaren Building – see minute 9(i) above.

11. Health and Safety Executive

Mr Whish provided an update following an inspection last year, CPRMS has improved design of eye dosimetry and there are some changes to the information submitted to HSE relating to Classified workers. Mr Whish also reported that ONR are inspecting the Hospital's Radiopharmacy next week, and a large amount of paperwork has been requested.

12. Resignations and New Appointments

Resignations and appointments were noted.



13. Meetings Attended

AURPO Midlands meeting, Leicester, 6 November 2019 (LY/SH) – networking contacts and updates.

SRP Optical and EMF committee meeting, London, 3 December 2019 (LY).

The Secretary also noted that in 2019 several visits were accommodated following requests from other university safety advisers to share laser safety practices and experiences of HSE inspections.

14. Other Business

(i) Annual report – the report was distributed.

(ii) Radioiodine treatment for cats at the Queens Veterinary School Hospital – progress has been made with practical advice from the Animal Health Trust and University of Edinburgh.

15. Dates of next meeting

Tuesday Tuesday 31 March 2020 at 11.00am (Cairo meeting room, Greenwich House)

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