

Workshop on the Security of Gamma Irradiation Facilities

IMRP20. Bangkok, Thailand. 11 November 2022

Preliminary Programme

OPENING SESSION

09:00—09:15 Welcome remarks, objectives and agenda of the workshop

09:15 – 09:45 Introduction of participants and discussion to review their expectations

SESSION 1: SHARING EXPERIENCE FROM STRENGTHENING GAMMA IRRADIATOR SECURITY: LESSONS LEARNED AND BEST PRACTICES

Key issues

- What can we learn from those implementing security measures for gamma irradiation facilities?
- What are the remaining security challenges?
- What is the role of “best practices” in supporting the development of effective security arrangements?

09:45 – 10:00 Review of the joint iia/WINS BPG

10:00 – 10:30 Discussion to better understand participants’ perspective on securing gamma irradiation facilities (what are we doing well? What remains more challenging?)

10:30 – 10:45 Coffee Break

10:45 – 11:30 Presentations on sharing operational security experience

11:30 – 12:15 Panel of experts on lessons learned from implementing security measures for gamma irradiation facilities and addressing remaining challenges

12:15 – 13:15 Lunch

SESSION 2: CONTINUOUS IMPROVEMENT: ADDRESSING UPCOMING THREATS AND IMPLEMENTING INNOVATIVE SECURITY APPROACHES

Key issues

- Are cyber threats of concern for the industry? How can we mitigate them?
- What are innovative physical security features?
- What is the role of self-assessment and peer reviews in the continuous improvement process?

13:15 – 13:45 Discussion on threats and their recent evolutions

13:45 – 14:15 Presentation on designing cyber security measures for gamma irradiation facilities

14:15 – 14:45 Follow up discussion on the experience gained implementing cyber security measures for IT and OT systems at gamma irradiation facilities

14:45 – 15:00 Coffee Break

15:00 – 15:15 Introduction to the pool obscurant project

15:15 – 15:45 Discussion on innovative physical security features

15:45 – 16:15 Lessons learned from piloting the iia/WINS methodology for assessing the effectiveness of security arrangements at gamma irradiation facilities

CONCLUSION SESSION

16:15 – 16:45 Wrap-up: Consolidating the key findings of the day

- What have we learnt today?
- What do we need to pay more attention to?

16:45 – 17:00 Closing remarks

End of the Workshop