

RTC Suggestions

International Train the Trainer

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Suggestion Topics

- Introduction
- Suggestion Topics:
 - RTC Instructor Training
 - RTC Course Materials
 - RTC Updates from ITC
 - ITC-22 Updates
- Conclusion

Introduction

- ITC/RTC are the primary IAEA training courses for physical protection of nuclear material
- Hundreds of security professionals from dozens of Member States have been trained
- Continuing success for RTC depends on:
 - Trained instructors who are subject matter experts
 - Updated, standardized, controlled course materials
- Now is an opportune time to consider changes to RTC instructor training and course materials

RTC Instructor Training

- Alternate years
- ITC/RTC graduates
- 2-week training period
- Trainees assigned modules in advance
- Basic Instructor training (1 day)
- Practice presentations
- Practice leading subgroups
- Critiques by professional trainers and SMEs

RTC Course Materials

- Alternate years
- Review and revise lectures and subgroups
- Standardize agenda and schedule
- Add speaker notes to lectures
- Add instructor notes to subgroup exercises
- Include subgroup posters and software tools
- Create lesson plans for each topic
- **Maintain configuration control!**

RTC Updates from ITC

- Part of RTC course materials review
- Requires IAEA and U.S. DOE agreement
- Consider ITC updates since previous review
- ITC-21, -22 since Slovenia 2007 RTC review

ITC-22/RTC Comparison

- Threat SG
- Risk Mgmt/Reg Reqmt
- Integrated security culture
- Access control SGs separate
- AC&D SG
- Performance testing
- Single path analysis before ASD
- Single Path analysis w/o software tool
- Multi-path analysis w/MP-VEASI software
- Scenario development
- Tabletop analysis
- Transport SG
- Information security
- New hypothetical RR facility video

Conclusion

- RTC has been successful training course
- RTC will continue to play important role
- Quality control essential to continuing success
- Continuous improvement should be the goal
- Propose alternate years for instructor training and course material updates
- Train the trainer should include practice
- Materials should include instructor guide
- Materials should be updated regularly using ITC and international input