

Bringing it all together

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What are you practically doing about IRR17?

☉ Ctrl F 'IRR99'

☉ Ctrl V 'IRR17'

☉ Just kidding.....

Notification, Registration, Consent

- ④ Probably no clients qualify for notification.
- ④ A handful of consents (mostly accelerators & HASS).
- ④ So mostly registrations, make sure all the evidence for the ~10 questions is held in a file or electronic directory.
- ④ Figure out how the website works.



Activity Thresholds

☉ IRR99

- ☉ Notification ^3H 10^6 Bq/g or 10^9 Bq
- ☉ Notification ^{137}Cs 10 Bq/g or 10^4 Bq

☉ IRR17

- ☉ Notification ^3H 10^2 Bq/g or 10^9 Bq
- ☉ Notification ^{137}Cs 0.1 Bq/g or 10^4 Bq
- ☉ Registration ^3H 10^6 Bq/g
- ☉ Registration ^{137}Cs 10 Bq/g

Notification of occurrences - as you were (besides you only ever look at these when you have a spill, right?)

40K

IRR17

- ☉ Notification 10 Bq/g
- ☉ Pure potassium (0.0117% K40) = 31 Bq/g
- ☉ KCl about 15 Bq/g
- ☉ Lo-salt OK (66% KCl)
- ☉ Fertilisers probably OK
- ☉ Lets hope this one just goes away!

HASS Training



- ☉ Specific HASS training to include 8 items such as leak tests, fire prevention, accident consequences and management.
- ☉ Review previous RPS training.

Non-classified outside workers



- ④ Dose history and training records.
- ④ Non classified dose summary/passbook?
- ④ Provide access to dose summary information to external companies?
- ④ Dose constraints and training commitments in Local Rules / Suitable Written Arrangements?

Review Schedule of Controlled Areas



- ② New 100 $\mu\text{Sv/hr}$ instantaneous threshold.
- ② Opportunity to re-assess classification boundaries.

Local Rules 5 & 7 essential contents



2 new ones

- ④ Management details.
- ④ Training procedures.

Audit time again

| | investigations? Are the investigations recorded? | | |
|----------|--|---|---|
| 9(1)-(3) | <ul style="list-style-type: none">• Is PPE supplied? If so, does it comply with the PPE regulations?• Where is PPE stored when not in use? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | |
| 10(1) | <ul style="list-style-type: none">• Are engineering controls, design features, safety features and warning devices examined, tested and maintained at suitable intervals?• At what intervals?• Are these activities recorded?• Who does them? Suitably competent? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA | Fume cupboards currently not used. Maintenance plan should be adhered to when in use. |
| 10(2) | <ul style="list-style-type: none">• Are PPE thoroughly examined at suitable intervals and properly maintained? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA | |

Everyone loves an audit.

EPR 2018



- ④ Definition of historic radium contamination (1 Bq/g).
- ④ NORM OOS scope values increased to 1 Bq/g.
- ④ Opportunity to reduce clean up costs.

EPR 2018



- ⌚ OOS threshold for ^{60}Co still at 0.1 Bq/g.
- ⌚ OOS threshold for ^{125}I from 1 to 100 Bq/g.

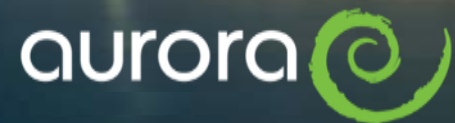
REPPIR 2018



- ⦿ Graded approach to planning
- ⦿ 0 – 1 mSv public dose IRR assessments and plans only
- ⦿ 1 – 5 mSv public dose outline off site plan consult LA
- ⦿ >5mSv as for REPPIR 2001
- ⦿ Possible opportunity to use emergency dose limits on site without release to public >5mSv
- ⦿ Review which clients need a HIRE and when to review

Questions

Thank you



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