

UNIT SIX HOT SPOT



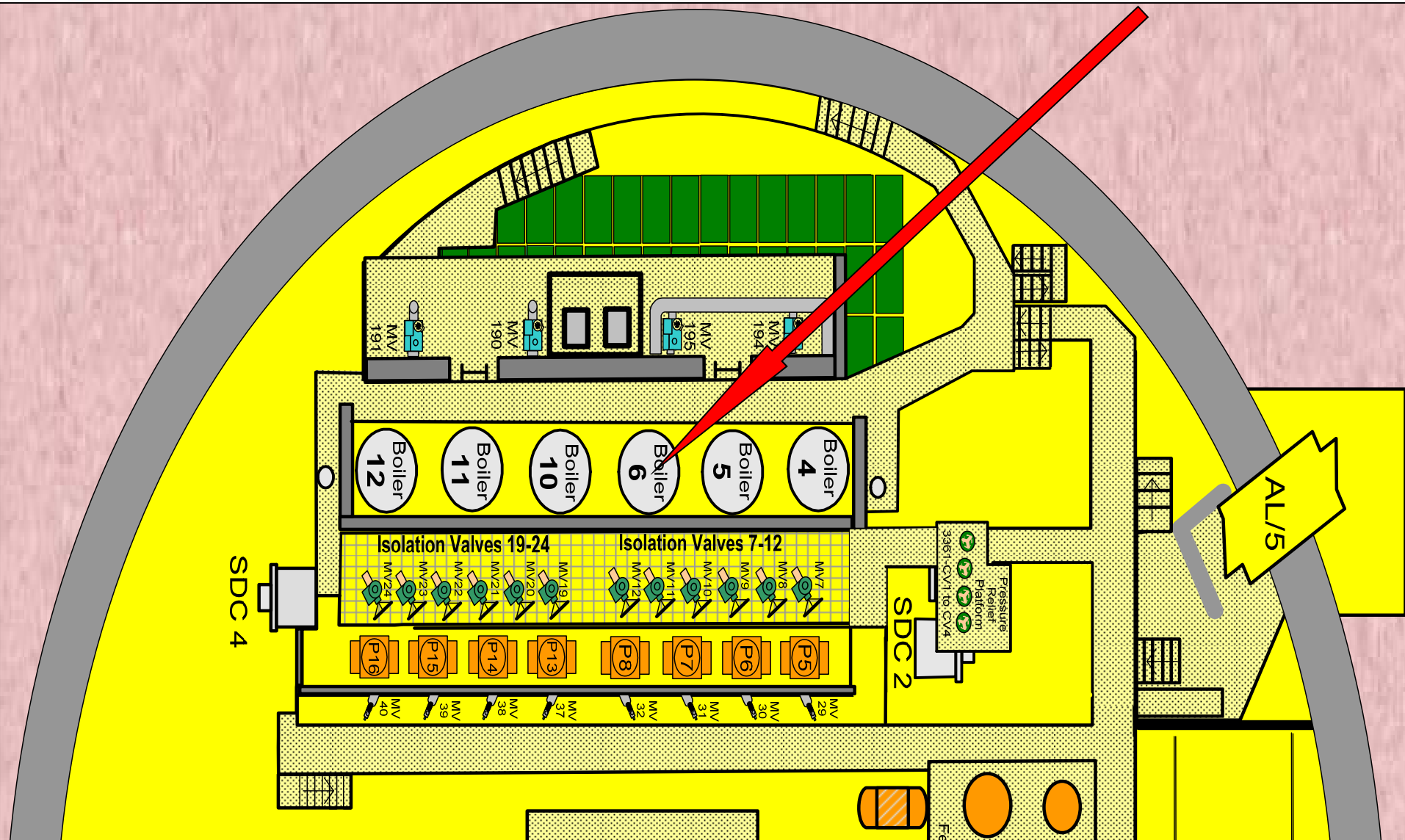
Scott Cameron

RPM Pickering B

Ontario Power Generation

UNIT SIX HOT SPOT

>450,000 rem/h @ 1cm On Boiler
Drain Line Elbow
500 rem/h @ 30cm





200
mrem/h



**2.5 rem/h at
Surveyor
Position**



**TRIM VALVE
PLATFORM**

**PERIMETER
WALK WAY**



>450,000 rem/h @ 1cm On Boiler
Drain Line Elbow

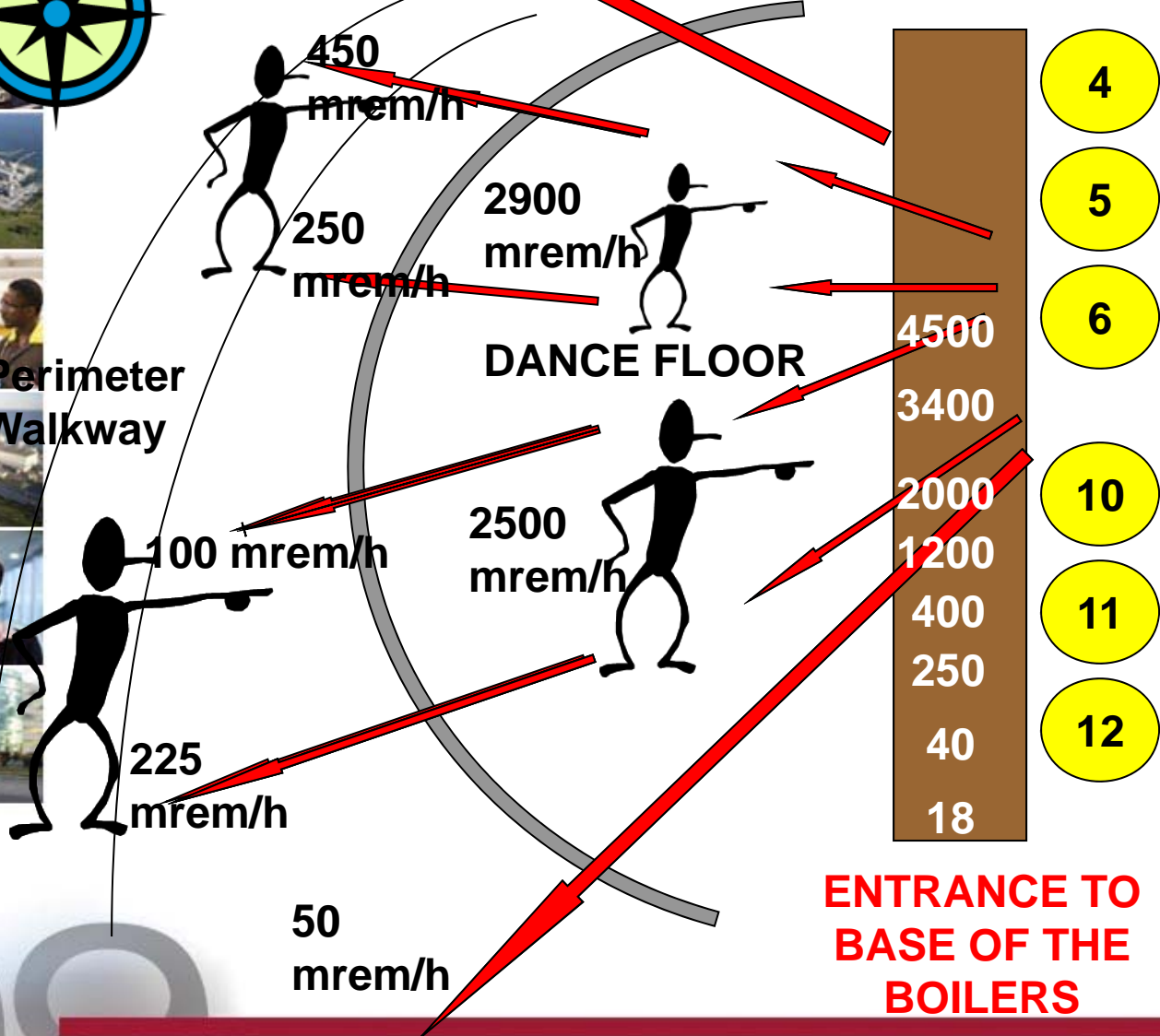
500 rem/h @ 30cm

1" to 3" of insulation to get to
drain line

**Boiler Base
Pedestals
BOILER - 6**



Perimeter Walkway



West Boilers, Dance Floor and Perimeter Walk Way: General Fields

[CLICK HERE FOR LINK TO PICTURE OF THIS AREA](#)

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IMMEDIATE RESPONSE

- A multi-disciplinary team assembled to develop a recovery plan.
- Conducted “Plan Concept” challenge meetings with Industry Peers and INPO/WANO Subject Matter Experts.
- Physical and Administrative Barriers put in place. Area has always been effectively controlled since initial discovery.

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CURRENT STATUS

- Particle is in boiler cold leg drain line. Dead end line does not go back to system. Unit has been up and down eight times since discovery and debris has not moved.
- Planned drain and flush concept could not be carried out due to parts procurement issues during P941 Outage.
- Team has been reformed to re-examine removal concept for 2010 VBO timeframe.



Particle Location



WIDER SHOT OF AREA

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CURRENT PLAN

- Robotic lift table with cutters will drive under cold leg drain line and apply an ice plug.
- Radiation probes will verify and pinpoint location.
- Pipe section will be cut out and lowered into shield box.
- Robot will drive out and deposit box and pipe into in-station flask.

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QUESTIONS

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