

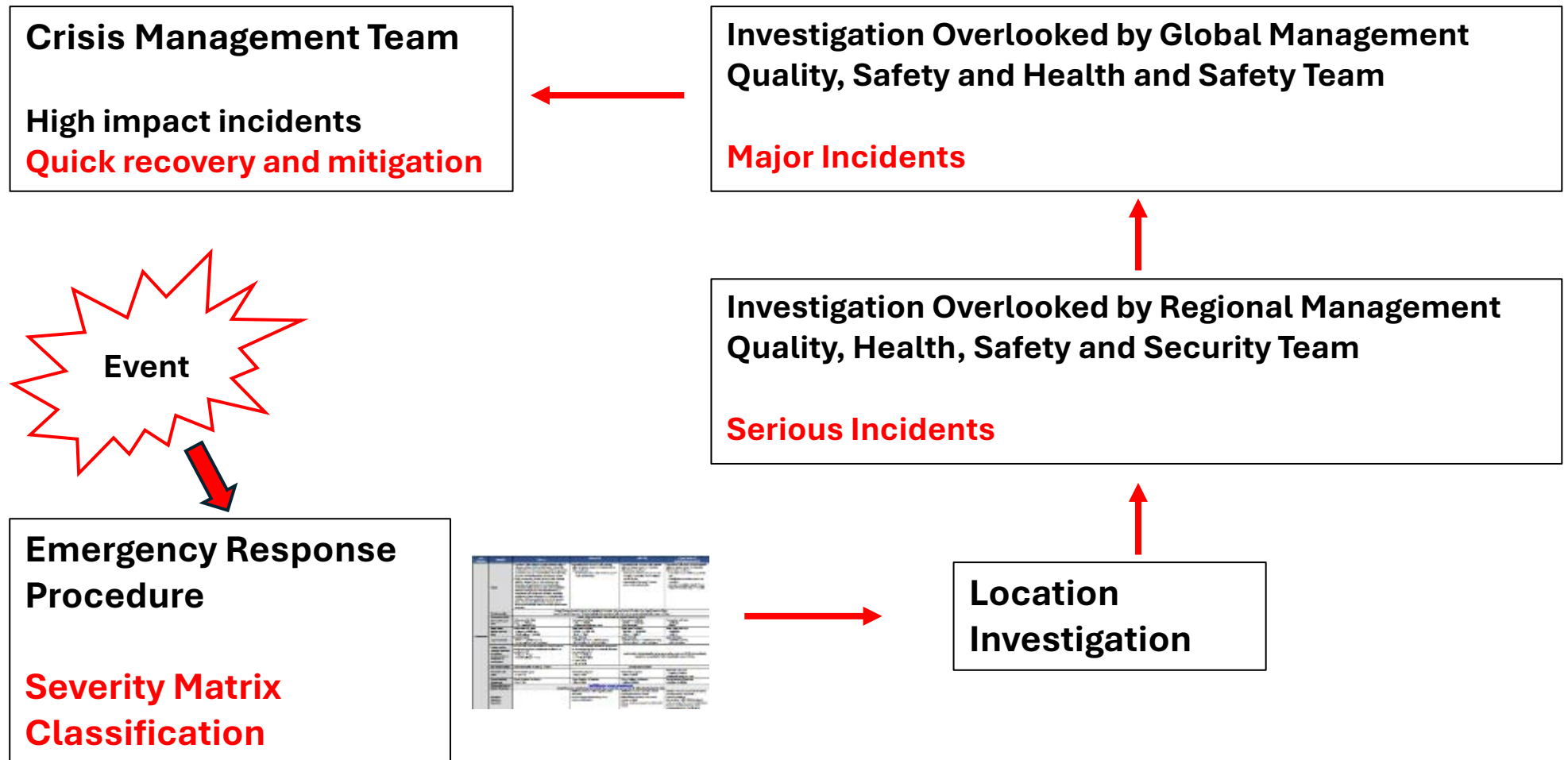
# Incorporating lessons learned from investigations and response in Well-logging Operations

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# Incident Notification Escalation process



# Immediate Response to RAS misplacement



- CMT is assembled with Subject Matter Experts in Security, Safety and management at local and regional/corporate level

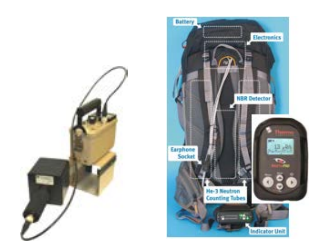
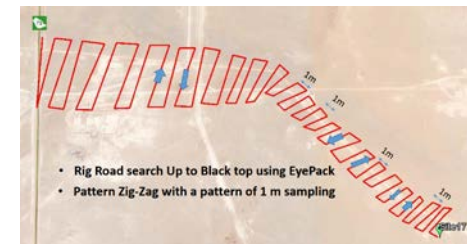


- Emergency checklist and specific Emergency Plan Document



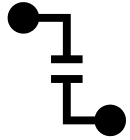
- **Rad Source Recovery Guidelines** based on past experiences

- Teams' formations
- Search patterns
- Suitable Equipment, etc



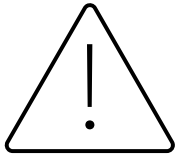
- Initial Findings

# Incorporating Lesson Learned



Based on the initial findings

- Likelihood of reoccurrence (or currently undetected)
  - A breach of fundamental control
  - Flaw in equipment or gap in a process



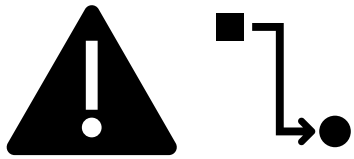
- Early incident Notification
- Global Stand down



Based on the final findings and root cause analysis

- Completed Alert → Shared and available as reference
- Update Rad Source Recovery Guidelines (if required)

# Incorporating Lesson Learned



Based on Remedial Work Plan

- Reinforce of the Administration controls



- Moving to Engineering and Digital controls
  - Digitalization of the chain of custody controls
  - Enhance monitoring in transit
    - ❖ Part of the Driving management control
    - ❖ Commercial solutions → e.g., PNNL Solution