



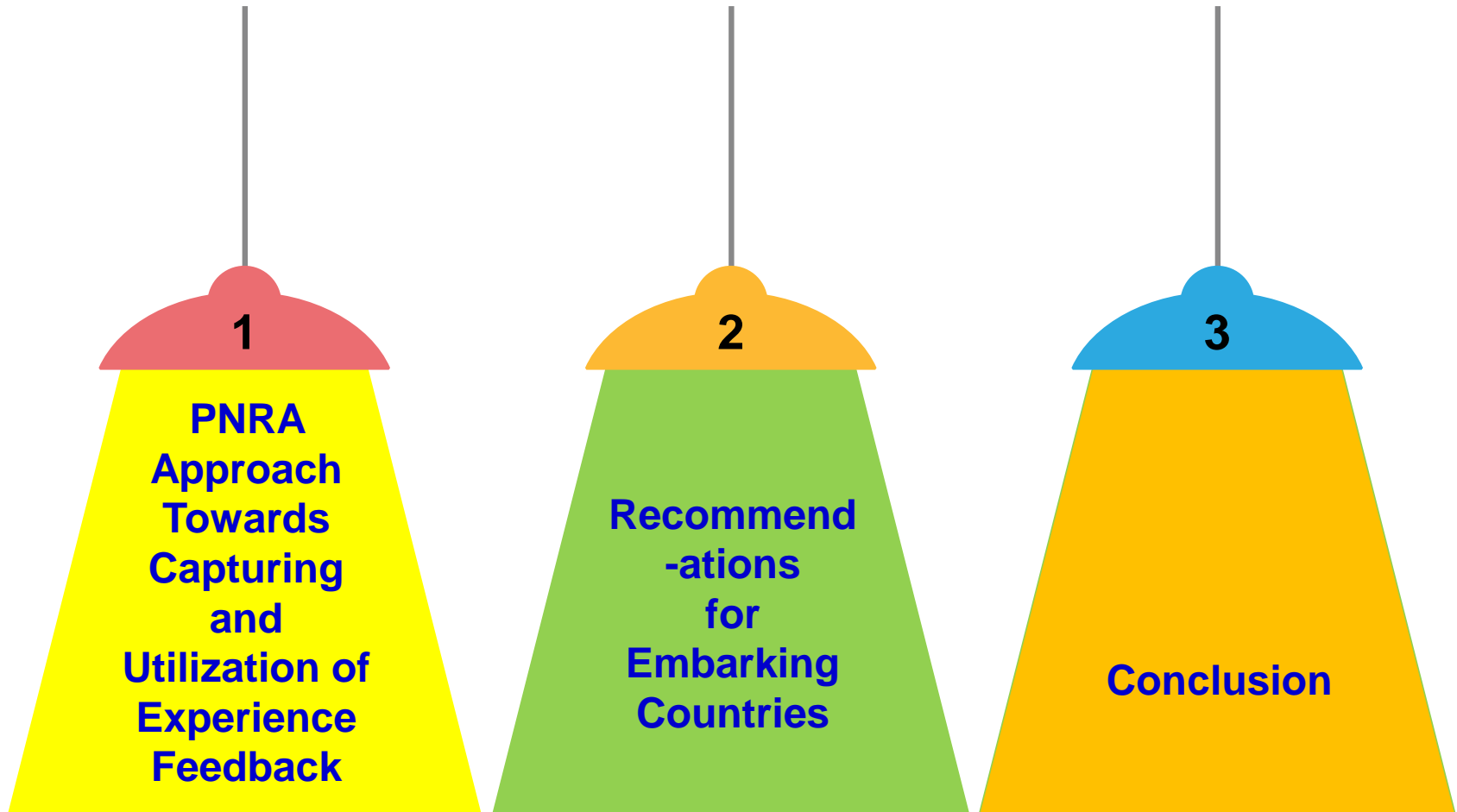
Capturing and Using Regulatory Experience to Improve Effectiveness

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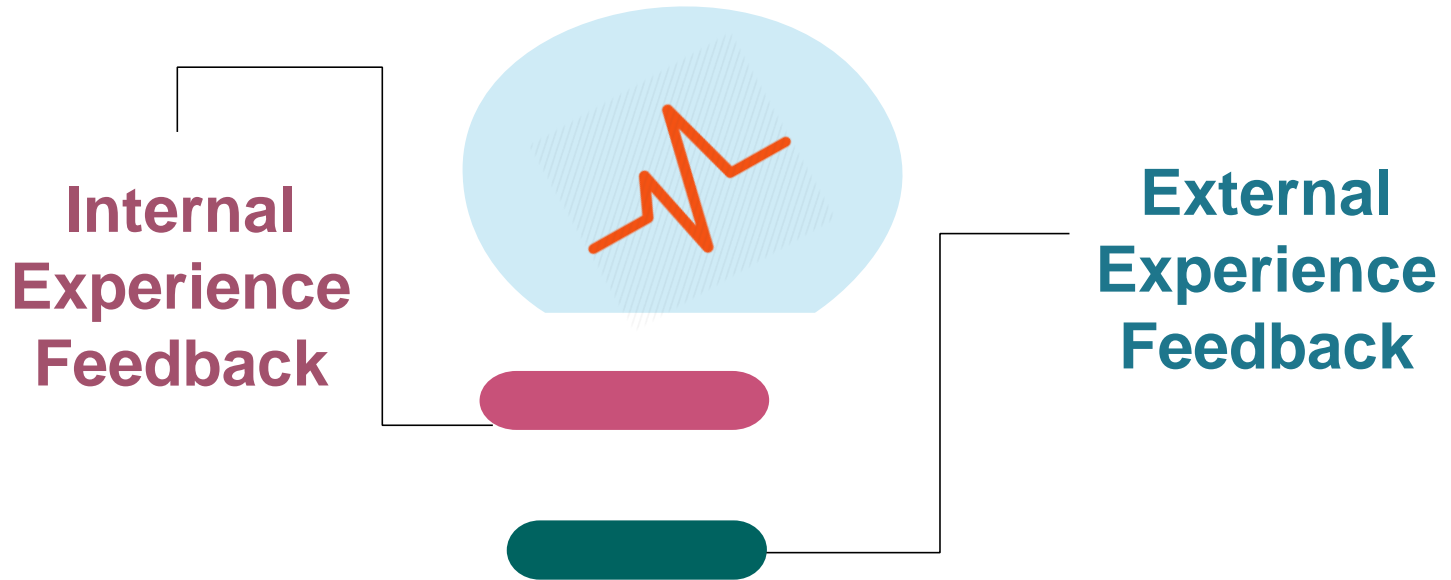


Highlights of Presentation





Sources of Experience Feedback





Sources of Experience Feedback



Internal
Experience
Feedback



External
Experience
Feedback



Internal Experience Feedback



Examples

(Inspection Process)

RFO
(1. Pre-RFO Inspections
2. Exclusive General
Surveillance)

Deficiencies identified
during Commissioning

Issue of Blocking Office



Examples

(Licensing Process)

Additional phase for OE
Feedback during
License Application
Review

Dedicated annexure in
Safety Evaluation Report
for enlisting issues that
needs to be a part of
inspection plan



Internal Experience Feedback



Examples

(Inspection Process)

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Examples

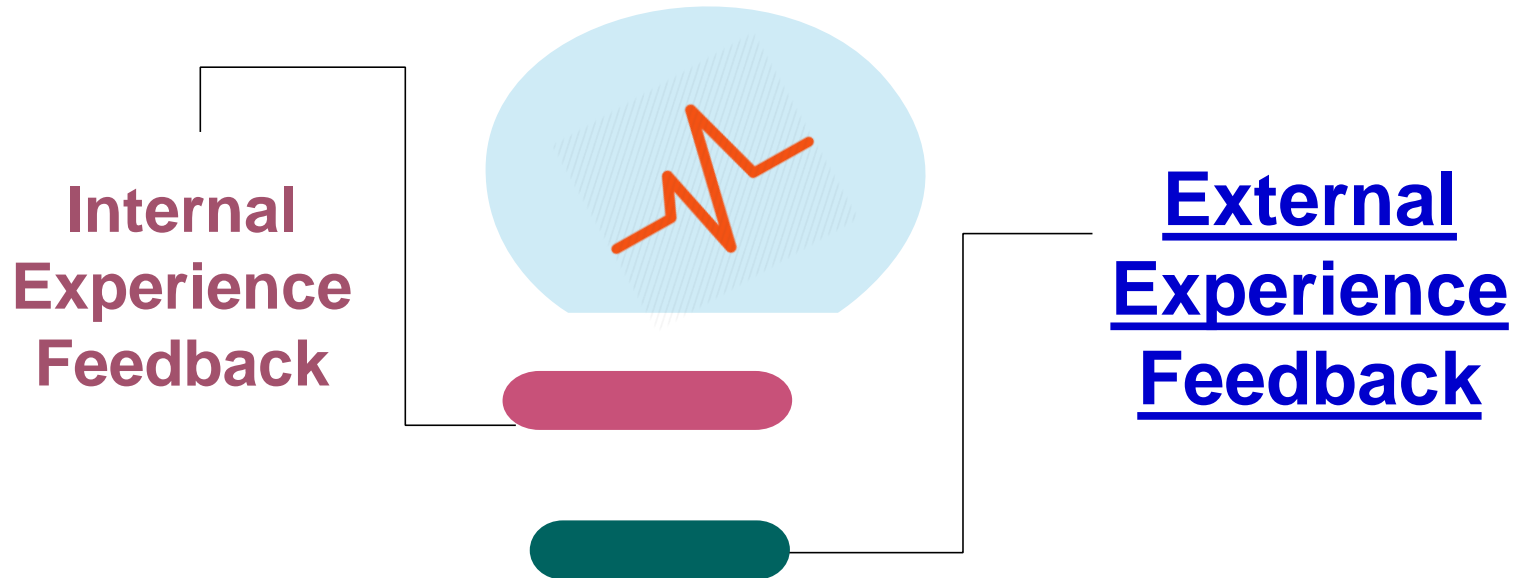
(Licensing Process)

Additional phase for OE Feedback during License Application Review

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Sources of Experience Feedback





External Experience Feedback



Utilization of USNRC Experience Feedback

Degradation of Containment moisture barrier in accordance with ASME code Section XI



Considering IRS as a Source for Utilization of OE

IRS report (No. 8526) regarding Shutdown due to Spurious Closure of Main Feed Isolation Valve

Application of Operating Experience Feedback in Radiation Facilities

Conduct emergency drills with different possible scenarios



Considering International Good Practices

- Concept of MTO (Sweden)
- Recommendations of USNRC for Modifying the Reactor Oversight Process Engineering inspection



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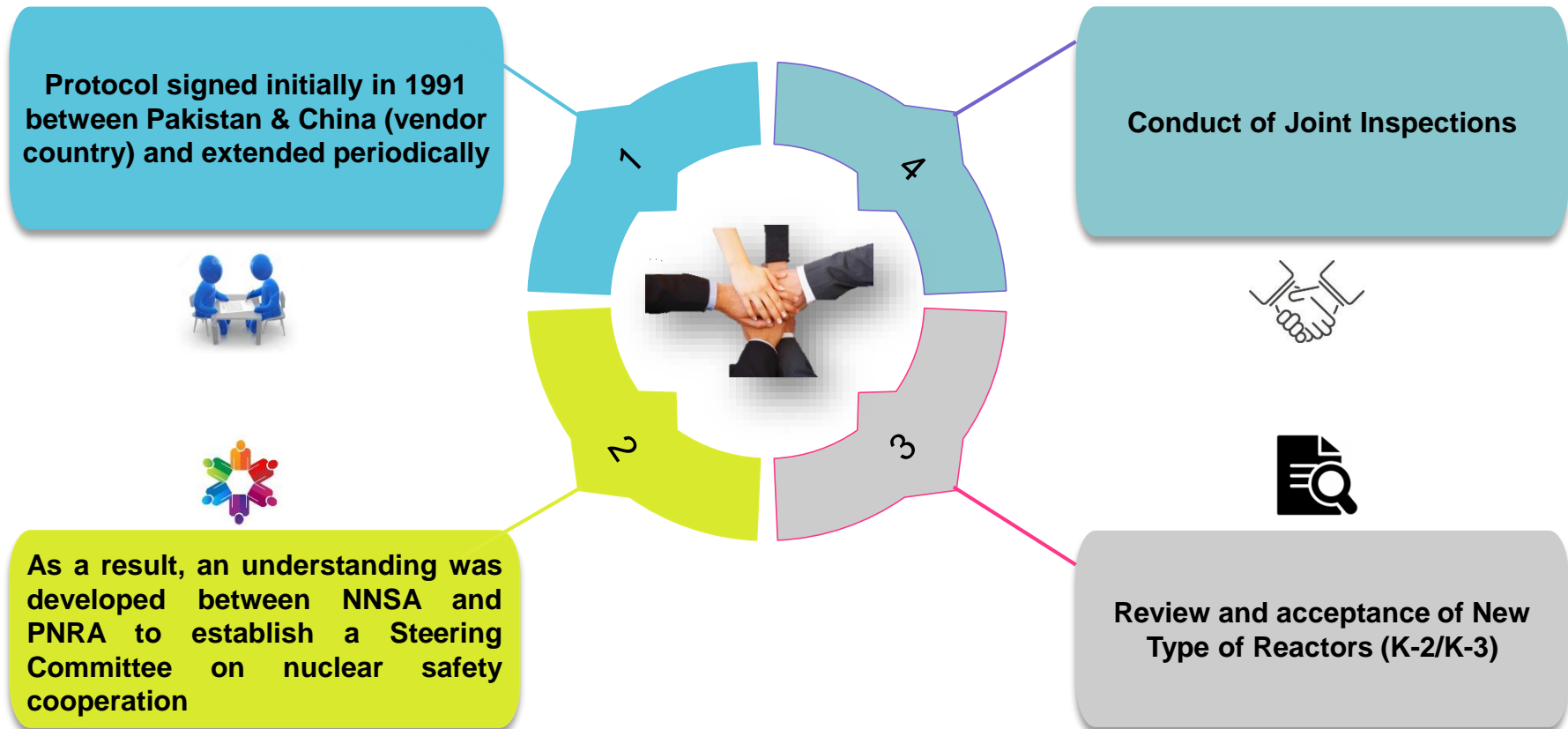
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Utilization of Regulatory Experience Using Bilateral Agreements





Utilization of Regulatory Experience from Fukushima



01 Issuance of Directive to Licensee

PNRA issued directive to its licensee to submit the action plan of re-assessment

02 Revisited Regulatory Framework



Gathering Feedback

- through official sources
- trending reports
- report on chronological events

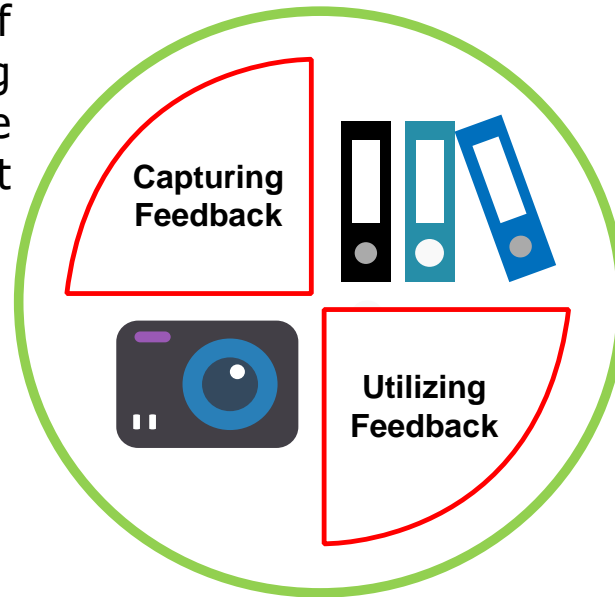


Recommendations for Embarking Countries



Should

Encourage the concept of gathering and utilization of regulatory and operating experience feedback since the early phases of plant lifecycle



It is important

Regulatory body should develop its own process for capturing and utilizing of experience feedback

Also

Utilize documentation generated during the construction of reference plant

Consider

Bi-lateral / Multi-lateral agreements, for capturing and utilization of OEF



Conclusion



Independent evaluation of experience feedback plays vital role in improvement in core processes

Effective use of experience feedback not only improve nuclear safety but also enhance capacity of the team (regulator as well as licensee)

