

RASP Handbook Guidance on SDP Assessment of Flood Issues

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March 1, 2016

Objectives

- Inform the stakeholders on ongoing activities related to development of RASP Handbook guidance for external flooding
- Provide an overview of topics in the guidance
- Provide the timeline for development of the guidance

Background

- A relatively large number of performance issues related to external flooding identified since 2013
- Currently, no guidance in RASP Handbook for performing risk assessments of performance issues related to external flooding
- NRR developing a section in RASP Handbook for more consistent assessment of external flooding events

Purpose

- RASP guidance on external flooding intends to identify key elements and improve consistency in handling them (short term)
- Most of the key elements will be addressed through NRR user need (long term)

Guidance Topics

- Guidance will focus on “pinch points”
- Discuss subjects by providing examples from recent SDPs
- Examples of topics:
 - Flood Hazard Curves (Databases and methods, credible Extrapolation Ranges, etc.)
 - Reliability of Flood Barriers and Flood Protection Features
 - Human Reliability Considerations

Development Timeline

- Draft guidance was sent to Regional Offices and RES in Sep 2015 for comments and concurrence – comments received through early 2016
- Staff expects to revise the draft guidance based on received comments by April 2016
- Staff expects to make the draft guidance publicly available in June 2016