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Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra Swiss Federal Nuclear Safety Inspectorate ENSI

Fukushima: Lessons for Switzerland

Dr. Hans Wanner ENSI Director General IRGC 2011 Annual Event Conference Lausanne, 3 November 2011



Switzerland: Nuclear Phase-Out



ENSI put in the position of the judge:

"Now, it is all up to ENSI to ...

A) ... stop the NPPs immediately."B) ... keep the NPPs running as long as possible."

Parliament/Government Swiss energy mix

Industry/Operators



Safe operation of NPPs

ENSI/Supervising Authority **Supervision**/inspection

Safety is not a state - safety is a process.

NPP Mühleberg

NPP Beznau I and II



NPP Leibstadt

NPP Gösgen

Fukushima is an opportunity -

to further improve the safety of the Swiss NPPs.

Measures taken since Fukushima:

- external storage facility for emergency equipment
- diverse ultimate heat sink
- improvement of spent fuel pool cooling system
- review of protection measures for the Swiss population



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Abla Lessons /se Fuku:Fukushimashima 1103211032011 011

Ereig Fuku Toho

Lessons Learned und Prüfpunkte aus den kerntechnischen Unfällen In Subschliege

tiefende Analyse 3 Unfalls in Fukushima 11 Mars 1011

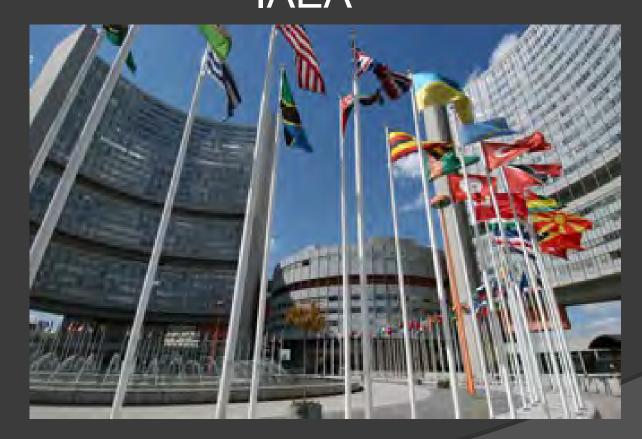
er besonderer Berücksichtigung ⁻ menschlichen und Janisatorischen Faktoren

39 lessons learned

37 topics to be examined («action plan»)

implementation until 2015

Action Plan on Nuclear Safety



Thank you.