



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

Ablauf Lessons Learned Analyse Fuku Fukushima 1103211032011 2011

Ereignis
Fuku
Toho
vom

Lessons Learned und Prüfpunkte
aus den kerntechnischen Unfällen
in Fukushima

Vertiefende Analyse
des Unfalls in Fukushima
11. März 2011

mit besonderer Berücksichtigung
menschlichen und
organisatorischen Faktoren

39 lessons learned



37 topics to be examined («action plan»)



implementation until 2015

Action Plan on Nuclear Safety

IAEA



Thank you.