



Strål
säkerhets
myndigheten

Swedish Radiation Safety Authority

Lessons Learned from Radiological Events

Short description of the system in Sweden and
Examples



Swedish nuclear fleet

10 nuclear reactors in operation:
Forsmark, Ringhals, Oskarshamn

2 (4) nuclear reactors in decommissioning phase:
Barsebäck (studsvik and Ågesta)



Swedish Regulatory Body

Swedish Radiation Safety Authority – SSM

- The Authority has four departments:
 - Nuclear Power Plant Safety
 - Radioactive Materials
 - Radiation Protection
 - International Affairs

- There are three support functions:
 - Administration
 - DG Staff
 - Communication



Legislation and Regulation

Regulations:

“The Swedish Radiation Safety Authority shall be informed about events or observations which are significant from a radiation protection point of view. If there has been an event which has implied, or could have implied, that any given dose limit is exceeded, a report shall be sent to the Swedish Radiation Safety Authority as soon as possible.” [SSMFS 2008:26, §37]

Distribution of lessons learned

Meetings:

- Weekly contacts, yearly meetings
- RP-meetings between dep.
- Expert-meetings
- ...

Networks/organisations:

- EAN (ALARA-newsletter)
- ...

From case to case

Karin Fritioff
2010-11-30



Snow "shoveling"
at Forsmark 2010



Example

Incidents during radiography work at Ringhals 2007

- SSM requested information
 - The event and its consequences
 - Measures to prevent recurrence
- Subject for discussion on the yearly RPM meeting
- 2010 - reviewed the radiography work at all the NPPs in Sweden.
- A report of the finding will be made and distributed to all NPPs.