

Recent nuclear safety upgrades in connection with ability to cope with severe accidents

Marta ŽIAKOVÁ - Chairperson

Nuclear Regulatory Authority of the Slovak Republic
and Governor of Slovakia to the IAEA



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Severe Accident Management

**The SAM
project is
divided into
following
subprojects:**

„SIPHON“ AND REACTOR CAVITY FLOODING

DEPRESSURIZATION OF PRIMARY CIRCUIT

MANAGEMENT OF HYDROGEN IN CONTAINMENT

BREAKER OF VACUUM IN CONTAINMENT

ALTERNATIVE COOLANT SYSTEM

ALTERNATIVE ELECTRIC POWER SUPPLY SYSTEM

INFORMATION SOURCES I&C FOR SAM - PAMS AND CONTROL

LONG-TERM HEAT REMOVAL FROM CONTAINMENT



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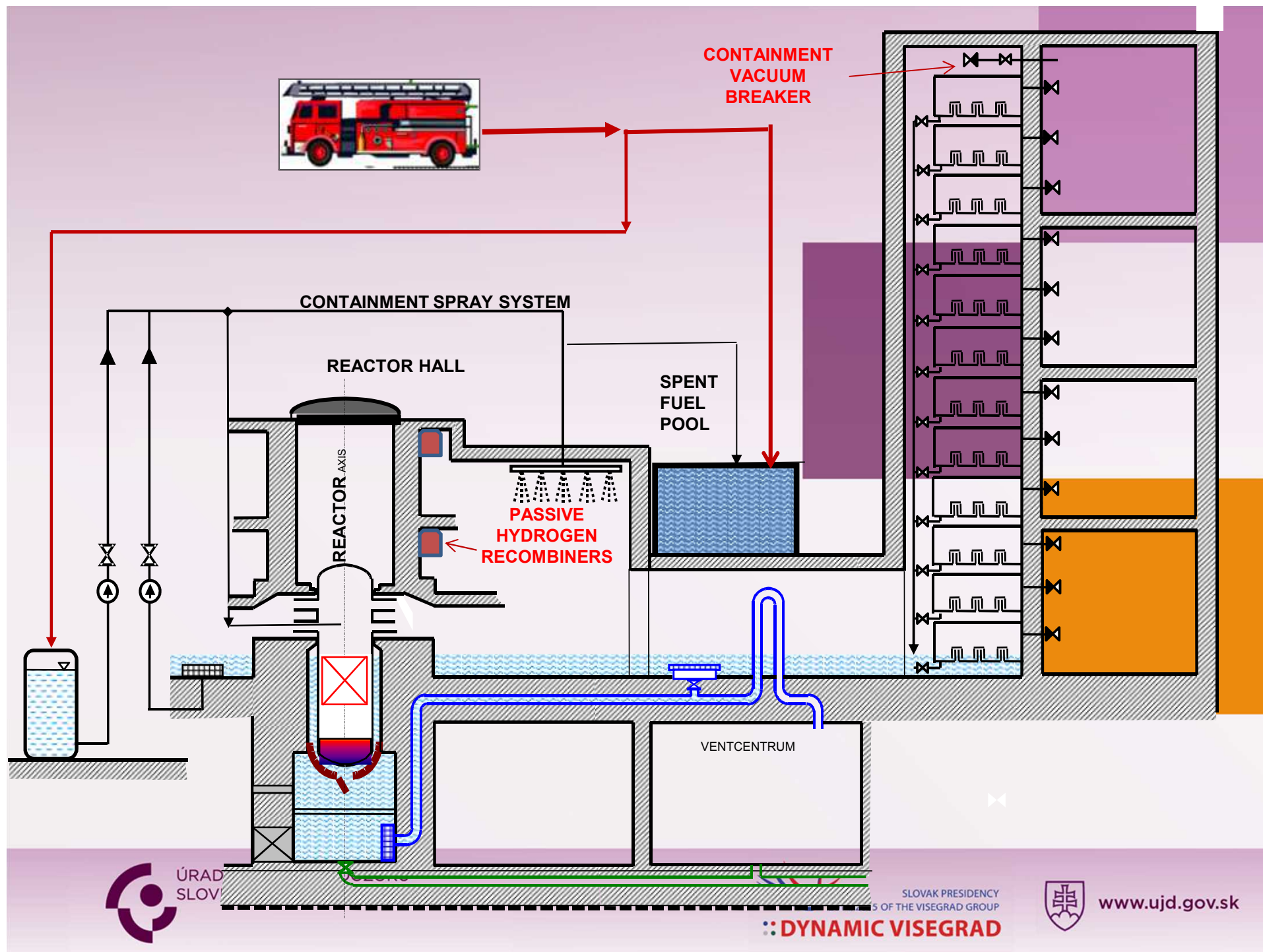


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„SIPHON“ AND REACTOR CAVITY FLOODING



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MOBILE DG EQUIPMENT – ONE PER UNIT



Power	[kVA/kW]	350 / 280
Voltage	[V]	230 / 400
Current	[A]	507
Frequency	[Hz]	50
Fuel tank	[l]	900



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NPP Mochovce 1&2 in operation and 3&4 under construction

Thank you
for your attention



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