

Nuclear Safety Research For Safe and Reliable Nuclear Power in Japan

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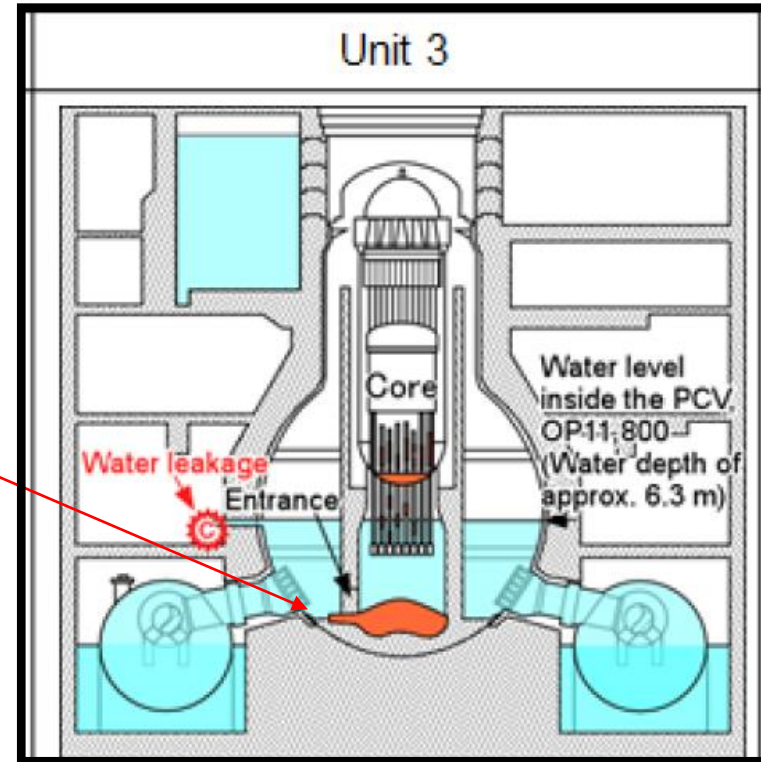
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MAJOR ACTIVITIES AT FUKUSHIMA DAIICHI NPP

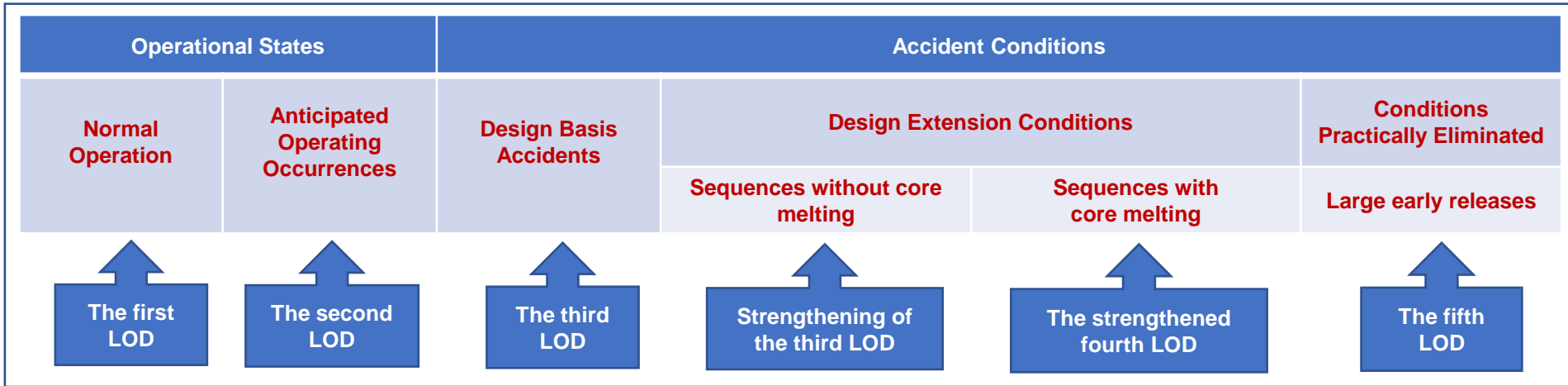
- Spent fuels exist still in the spent fuel pools. It is estimated that most of **fuel debris** exist covered with water on the floors of containment vessels.
- Major activities being promoted are;
 - Management of contaminated water;
 - Spent fuel removal from SFP;
 - Survey of the inside of PCVs as a preparation for debris removal;
 - Radioactive waste management;
 - R&Ds of the fuel debris retrieval equipment and devices, container and systems necessary to safely retrieve the fuel debris.



SAFETY AND RELIABILITY

Safety:

Enhance lines of defense(LOD) for safety through R&D



Reliability:

Improve the reliability, sustain the safety and extend the life as long as practicable through R&D for innovation, human resource development and knowledge management

CONCLUSION

- ◆ R&D for safety, sustainability and innovation
- ◆ Safety culture
- ◆ Public confidence