



The Nuclear Power Landscape in the Post-Fukushima Era: Thoughts on the Current and Future Effects on Nuclear New-Build

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The nuclear landscape looked very promising before the Fukushima Dai-ichi accident. In the past five years before the accident, so-called Nuclear Renaissance looked to be in full swing, with many countries beginning to factor nuclear energy as part of their electricity generation mix. At some point, 43 IAEA Members States confirmed their interest in launching new nuclear power programmes. Whilst only two of these nuclear new-comers have already chosen the reactor designs they would deploy

in their new build, it is commonly accepted that the so-called Generation III and Generation III+ would mostly be the designs of the choice for new nuclear build. This presentation seeks to examine the current status of plans for nuclear build after Fukushima, looking into technology and safety issues that would influence the final policy decisions in new nuclear build programmes.

Keywords: *nuclear power perspective, nuclear new-builds status*