

# Study on Poolside Inspection Technology for Pressurized Water Reactor Fuel Assembly

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The poolside inspection technology is introduced through the underwater inspection of pressurized water reactor fuel assembly and each inspection method is discussed and analyzed. This technology mainly including visual testing, dimension measurement and eddy oxide measurement. The results show that the surface state, irradiation growth, and oxide layer thickness of pressurized water reactor fuel assembly have been achieved accurate and reliable from the poolside inspection technology. And the necessary basis is provided for the irradiation stability and integrity of pressurized water reactor fuel assembly.

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