

N108. PWR Shutdown Chemistry

EPRI is assessing different primary chemistry procedures used at the end of cycle, prior to refueling shutdowns. There is widespread interest in early boration, which some utilities report as reducing radiation fields, and renewed interest in forced oxidation using peroxide. Many plants increase pH towards cycle end, and the effect of this, if any, on activity release with peroxide will be evaluated. Final project results will be available in late 1991; preliminary results should be available in June.

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