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INL INITIAL NOTIFICATION REPORT

Entered By:	E. J. Schuebert
Date Entered:	14 July 2010
Site:	ATR Complex
Responsible Organization:	ATR Operations
Title:	ATR Slow Setback Caused by Instrument Malfunction
Discussion of Event/Condition:	**Summary:** At 2020 on 13 July 2010 the ATR experienced a slow setback (SSB) caused by an instrument malfunction. The flow instrument for flow in quadrant IV of the reactor spiked high and caused the calculated power for the reactor to momentarily exceed the SSB set point. The reactor was at full power of 109 MW for the operating cycle at the time of the setback and was reduced to 94 MW. Actual reactor power never increased. **Action Taken:** Reactor control watch standers responded to the SSB in accordance with approved procedures. The quadrant IV flow instrument malfunction was confirmed and the instruments power reduction was manually disabled. Within 2 seconds of manually disabling the power reduction the flow instrument indication returned to normal. Notifications were made to Operations management and reactor recovery to full power was authorized. The reactor was returned to full power at 2106. Further required notifications were made in accordance with established policies. The flow instrument power reduction was left disabled pending investigation into the cause of the malfunction. LWP-13815, "INL Investigation Process" was entered and no Appendix A criteria or appendix C criteria were met.
Safety Significance:	Reactor safety was not impacted. SSB power reductions are not safety related.
Reportability:	No reportability criteria were met.