Proposed Changes to AMP XI.M31, "Reactor Vessel Material Surveillance" (8/19/2016)

DRAFT GALL-SLR	PROPOSED MODIFIED WORDING	TRACK CHANGES
Program Description		
This program includes removal and testing of at least one capsule during the subsequent period of extended operation, with a neutron fluence of the capsule between one and one and one quarter (1.25) times the projected peak vessel neutron fluence at the end of the subsequent period of extended operation.	This program includes removal and testing of at least one capsule, with a neutron fluence of the capsule between one and two times the projected peak vessel neutron fluence at the end of the subsequent period of extended operation. If a capsule meeting this criterion has not been tested previously, then the program includes removal and testing of at least one capsule during the subsequent period of extended operation (or earlier) to meet this criterion. Note that it is not acceptable to redirect or postpone an existing license renewal capsule to achieve a higher fluence that meets the subsequent license renewal fluence criterion.	This program includes removal and testing of at least one capsule ~~during the subsequent period of extended operation~~, with a neutron fluence of the capsule between one and ~~one and one quarter (1.25)~~two times the projected peak vessel neutron fluence at the end of the subsequent period of extended operation. If a capsule meeting this criterion has not been tested previously, then the program includes removal and testing of at least one capsule during the subsequent period of extended operation (or earlier) to meet this criterion. Note that it is not acceptable to redirect or postpone an existing license renewal capsule to achieve a higher fluence that meets the subsequent license renewal fluence criterion.
Parameters Monitored or Inspected Element		
This program includes removal and testing of at least one capsule during the subsequent period of extended operation, with a neutron fluence of the capsule between one and one and one quarter (1.25) times the projected peak vessel neutron fluence subsequent period of extended operation. Test results are required to be reported consistent with the requirements of 10 CFR Part 50, Appendix H.	This program includes removal and testing of at least one capsule with a neutron fluence of the capsule between one and two times the projected peak vessel neutron fluence at the end of the subsequent period of extended operation. If a capsule meeting this criterion has not been tested previously, then the program includes removal and testing of at least one capsule during the subsequent period of extended operation (or earlier) to meet this criterion. Note that it is not acceptable to redirect or postpone an existing license renewal capsule to achieve a higher fluence that meets the subsequent license renewal fluence criterion. Test results are required to be reported consistent with the requirements of 10 CFR Part 50, Appendix H.	This program includes removal and testing of at least one capsule ~~during the subsequent period of extended operation,~~ with a neutron fluence of the capsule between one and ~~one and one quarter (1.25)~~ two times the projected peak vessel neutron fluence at the end of the subsequent period of extended operation. If a capsule meeting this criterion has not been tested previously, then the program includes removal and testing of at least one capsule during the subsequent period of extended operation (or earlier) to meet this criterion. Note that it is not acceptable to redirect or postpone an existing license renewal capsule to achieve a higher fluence that meets the subsequent license renewal fluence criterion. Test results are required to be reported consistent with the requirements of 10 CFR Part 50, Appendix H.

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Monitoring and Trending Element		
The plant-specific surveillance program or ISP has at least one capsule that will attain projected neutron fluence equal to or exceeding the peak reactor vessel wall neutron fluence at the end of the subsequent period of extended operation. The program withdraws and tests the capsule(s) at an outage in which the capsule receives a neutron fluence of between one and one and one quarter (1.25) times the peak reactor vessel wall neutron fluence projected at the end of the subsequent period of extended operation.	The plant-specific surveillance program or ISP has at least one capsule that has attained or will attain a neutron fluence between one and two times the peak reactor vessel wall neutron fluence at the end of the subsequent period of extended operation. If a capsule meeting this criterion has not been tested previously, then the program includes removal and testing of at least one capsule during the subsequent period of extended operation or earlier. (Note that it is not acceptable to redirect or postpone an existing license renewal capsule to achieve a higher fluence that meets the subsequent license renewal fluence criterion.) The program withdraws and tests the capsule(s) at an outage in which the capsule receives a neutron fluence of between one and two times the peak reactor vessel wall neutron fluence projected at the end of the subsequent period of extended operation.	The plant-specific surveillance program or ISP has at least one capsule that has attained or will attain a neutron fluence between one and two times ~~projected neutron fluence equal to or exceeding~~ the peak reactor vessel wall neutron fluence at the end of the subsequent period of extended operation. If a capsule meeting this criterion has not been tested previously, then the program includes removal and testing of at least one capsule during the subsequent period of extended operation (or earlier). (Note that it is not acceptable to redirect or postpone an existing license renewal capsule to achieve a higher fluence that meets the subsequent license renewal fluence criterion.) The program withdraws and tests the capsule(s) at an outage in which the capsule receives a neutron fluence of between one and ~~one and one quarter (1.25)~~two times the peak reactor vessel wall neutron fluence projected at the end of the subsequent period of extended operation.