Reactor Engineering Tasks and Applicability to Fatigue Rule

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| Reactor Engineering Tasks | Tasks Covered per NSD 200 | Work on a Covered System | Subject to Fatigue Rule |
| Testing (ZPPT,PET, Trip Time Test, PET, 1/m’s, etc.)  (This also includes ZPPT Rod Worth Testing) | This is addressed in NSD 200. This is Advising because it provides technical information with subsequent review by a supervisor (SRO) who is responsible for correct performance of the work activity**.** This includes Rod worth testing during ZPPT. Rod Worth testing is a special situation in that the SRO is directly observing the RO’s actions but not repeating the instructions to the RO. This is addressed in the Pre-Job Brief for rod worth measurements. The SRO is in direct control of the RO during these measurements. This is similar to the method McGuire and Catawba use except they have one continuous push.  **NO** | This involves working on the RCS.  **YES** | **NO** |
| Power Maneuver | This is addressed in NSD 200. This is Advising because it provides technical information with subsequent review by a supervisor (SRO) who is responsible for correct performance of the work activity**.**  **NO** | This involves working on the RCS.  **YES** | **NO** |
| Changing Constants on the OAC | Not working through an SRO  **YES** | The OAC is NOT a Covered System  **NO** | **NO** |
| Fuel Work in the Spent Fuel Pool | Not working through a SRO or Supervisor  **YES** | Spent Fuel and the Spent Fuel Pool are not covered systems  **NO** | **NO** |
| Offload/Reload | This is addressed in NSD 200. This is Advising because it provides technical information with subsequent review by a supervisor (SRO) who is responsible for correct performance of the work activity**.**  **NO** | This involves working in the RCS.  **YES** | **NO** |
| Deleting or Restoring incore detectors in NAS | Not working through a SRO or Supervisor  **YES** | Incore detectors are not a covered system  **NO** | **NO** |
| Loss of OAC/Tilt, Imbalance, thermal Power Calcs | Not working through a SRO or Supervisor  **YES** | OAC is not a covered system  **NO** | **NO** |
| Loose Parts Recommendations / Changes | This is addressed in NSD 200. This is Advising because it provides technical information with subsequent review by a supervisor (SRO) who is responsible for correct performance of the work activity**.**  **NO** | Loose parts System is not a covered system  **NO** | **NO** |
| Reactivity Balance Calcs | This is addressed in NSD 200. This is Advising because it provides technical information with subsequent review by a supervisor (SRO) who is responsible for correct performance of the work activity**.**  **NO** | This affects the RCS and is covered  **YES** | **NO** |
| Misaligned / Stuck Rod | This is addressed in NSD 200. This is Advising because it provides technical information with subsequent review by a supervisor (SRO) who is responsible for correct performance of the work activity**.**  **NO** | This affects the RCS and is covered  **YES** | **NO** |
| Special Nuclear Materials | This is NOT Maintenance or Operations  **NO** | This is NOT a covered system  **NO** | **NO** |
| Debris Scan / Retrieval | We may direct the scan and sometimes the retrieval without working through a SRO or Fuel Handling Supervisor  **YES** | Fuel Handling Equipment and Spent Fuel are not covered systems  **NO** | **NO** |
| ERO Duties | This is NOT Maintenance or Operations  **NO** | NOT a covered System  **NO** | **NO** |
| EFPD update on OAC | We may do this without working through an SRO; Not used except for BCC time to equilibrium and for and for NAS calculated peaking factors.  This has no effect on actual peaking factors.  **YES** | The OAC is NOT a covered system  **NO** | **NO** |