### Table 1
Examination Categories: Class 1 Power Reactor Vessel Upper Head (Cont’d)

#### NOTES (CONT’D):

1. If not previously performed, baseline volumetric and surface examinations shall be performed.
   - (a) for plants with EDY > 12, at the next refueling outage,
   - (b) for plants with EDY \( \geq 8 \) and EDY \( \leq 12 \), no later than the second refueling outage, or,
   - (c) for plants with EDY < 8, no later than February 10, 2008.

2. If flaws are attributed to PWSCC, whether or not acceptable for continued service in accordance with \(-3130\) or \(-3140\), the reinspection interval shall be each refueling outage. For reactor vessel heads with operating temperatures less than 570°F (300°C), the reinspection frequency shall be at least once every 36 months of operating time. Additionally, repaired areas shall be examined during the next refueling outage following the repair.

3. Includes essentially 100% of surface or volume.

4. For sister heads with similar operating conditions, the inspection requirements of Item No. B4.40 may be alternated among sister heads.
   - (a) initial sister head examination shall be accomplished during the interval in which it is installed. The unexamined sister head or nozzle shall be identified as Item B4.10 or Item B4.20.
   - (b) Prior to peening mitigation, an examination meeting the inspection requirements of [Note (6)] shall be performed of each penetration capable of being examined.
   - (c) As an alternative to (a) and (b), a surface examination of A-D and C-G may be performed and considered the preservice examination.
   - (d) A documented evaluation shall be completed demonstrating that the peening mitigation techniques meet the performance criteria in Mandatory Appendix II.

5. Prior to peening, flaws detected during the pre-mitigation inspection shall be corrected by a repair/replacement activity of \(-3132.2\) or \(-3142.3(a)\). The head or nozzle shall be identified as Item B4.10 or Item B4.20. If peening mitigation is performed, the head or nozzle may be identified as Item B4.50 or Item B4.60.

6. Peening mitigation techniques qualified in accordance with Mandatory Appendix II are used, the following shall be met:
   - (a) Volumetric examination of the volume (A-B-C-D) as identified in Figure 2 shall be performed prior to application of peening mitigation techniques. This examination shall be considered the preservice baseline examination.
   - (b) Prior to peening mitigation, an examination meeting the inspection requirements of [Note (6)] shall be performed of each penetration capable of being examined.
   - (c) As an alternative to (a) and (b), a surface examination of A-D and C-G may be performed and considered the preservice examination.
   - (d) A documented evaluation shall be completed demonstrating that the peening mitigation techniques meet the performance criteria in Mandatory Appendix II.
   - (e) Prior to peening, flaws detected during the pre-mitigation inspection shall be corrected by a repair/replacement activity of \(-3132.2\).
   - (f) The surfaces to be mitigated shall include the regions of the J-groove weld and penetration tubing (outside and inside) susceptible to PWSCC initiation and growth.