In Vessel Visual Inspection (IVVI)
Visual Inspection Tools

IVVI for BWRs and underwater visual tests (VT) are frequently on the refuel outage critical path. Industry demands are also increasing the quality control and documentation requirements for these inspections. Complementing a large portfolio of high radiation and high definition cameras, AREVA NDE-Solutions has developed an array of tools to ensure quality compliance and shorten the overall outage schedule.

Submarine Visual Inspection Systems
An array of submarines are available for underwater visual tests. Some systems also include grabbers or suction units to retrieve foreign objects.

HawkEYE Visual Inspection Manipulator
This translating and articulating manipulator mounts on either linear or circular supports. It delivers video cameras to target inspection areas with full-position feedback integrated into the video record.

Accurate IVVI Software
Live and still video images are organized in a manageable data base to produce the inspection report.

Features and Benefits
• HawkEYE automated inspection provides proof-of-camera position
• Submarine inspections are quickly performed with minimum outage impact
• ACCURATE IVVI software facilitates quality inspection reports
• Less dose than manual pole-manipulated inspections

HawkEYE 3-DOF end effector
The industry is demanding higher quality and traceability. That’s why the global resources of AREVA are responding quickly with advanced innovations for visual inspection tools.

For more information contact AREVA NDE-Solutions Regional Sales Manager at regional.manager@areva.com

U.S.: Eddie Ivins
Office: +1 434 832 3781 Cell: +1 434 841 3562

France: Olivier Moulin
Office: +33 14 978 4095 Cell: +33 62 879 6555

Germany: Florian Senne
Office: +49 9131 900 96766 Cell: +49 151 14568545