

BlueRad™ Inspection Camera System

Background

To improve the overall optical quality of underwater inspections, Westinghouse has developed an all-digital, high-definition, underwater inspection system to allow utilities to see what they have been missing.

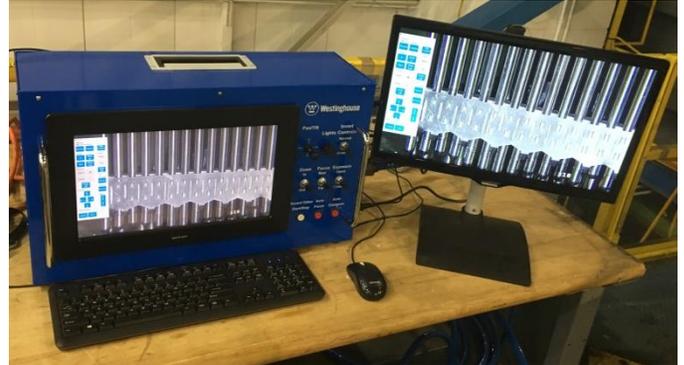
Description

The Westinghouse **BlueRad™** inspection camera system includes the following key features:

- Full 1920 x 1080 HD resolution
- Touch screen and manual controls
- Remote operations with any computer
- Built-in high definition H.264 encoding and image capture
- High intensity LED lighting that pans and tilts with the camera
- Four interchangeable lenses allow the operator to customize the zoom to the inspection conditions
- Underwater cable can be made up to 300' in length
- Radiation tolerant up to 70,000 Rads of Co-60 equivalent exposure



BlueRad Inspection Camera System



Controller with External Monitor

- Outputs:
 - HDMI: 1080P (digital)
 - SDI: 1080P (digital)
 - Component Video: 1080P (analog)
 - Composite: 525 TV Lines (NTSC)

Benefits

Westinghouse strives to deliver on our goal of zero fuel leakers. The BlueRad inspection camera system enables utilities to prevent, identify and remove of debris.

Now, you can see what you have been missing, to assess that a clean, debris free core exists at the end of each refueling.

Deliverables

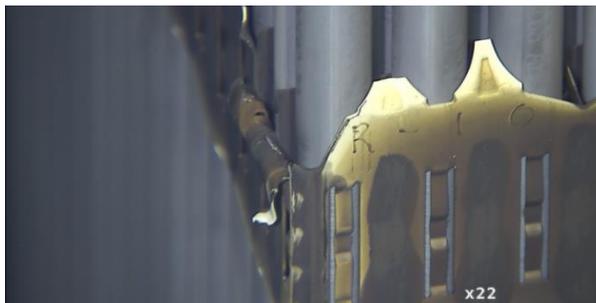
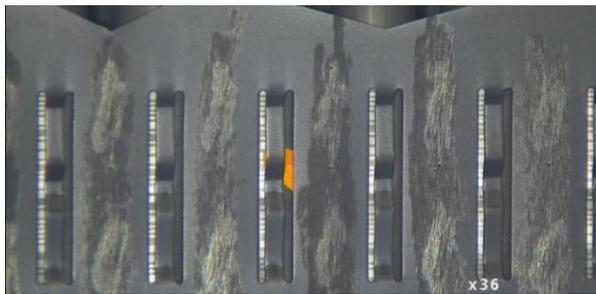
Westinghouse provides inspection services based on the needs of the individual utility. The inspections are adaptable to site conditions and specific customer needs. Ask us how we can provide this valuable service to your plant!

Experience

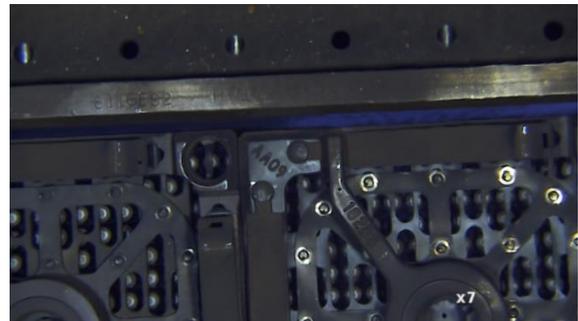
Westinghouse has combined the latest in optics technology with our extensive fuel inspection

experience to build an innovative camera for your inspection needs.

Fuel Assembly Visual Exams



Spent Fuel and Core Gap Inspections



Core Plate Inspection



Upper Internals Inspection



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