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PDI RPV UPDATE

SHERRIE L. WHIDDON
PROJECT MANAGER
PDI REACTOR PRESSURE VESSEL

PDI RPV STATUS

- Ongoing Activities – 2007
  - 2007 Schedule Work Load
  - Other RPV Activities

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RPV QUALIFICATION ACTIVITIES COMPLETED

- GE Automated Analysis Nozzles and Plate
- Wesdyne Automated Analysis Plate
- IntelligeNDT Automated Analysis Plate
- Areva (USA) Automated Analysis Nozzle and Plate
- Areva (USA) Manual Plate Qualification
- Duke Manual Plate Qualification
- Korean Automated Analysis Qualification(Wesdyne)
- GE Automated Plate Extension Qualification
- Wesdyne Automated Plate Analysis Qualification
- IHIswT Automated Cable Qualification
- IHIswT Automated Nozzle Add On Qualification
- Generic Manual Multiple Equipment Phased Array Qualification

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2007 SCHEDULED WORK LOAD RPV QUALIFICATION ACTIVITES

❑2007 Schedule

January	February	March	April
AUTO/NOZZLE/PLATE(GE) AUTO/PLATE(WESDYNE) AUTO/PLATE(INTELLIGNDT)	AUTO/NOZZLE/PLATE(GE) AUTO/PLATE(INTELLIGNDT) AUTO/PLATE(AREVA)	AUTO/PLATE(INTELLIGNDT)	AUTO/PLATE(CEGELEC)
May	**June**	**July**	**August**
AUTO/PLATE(CEGELEC) MAN/PLATE(AREVA) AUTO/PLATE(SAE-KOREA)	MAN/PLATE(AREVA) MAN/PLATE(DUKE)	AUTO/PLATE(KAITEC) AUTO/PLATE EXT.(GE) AUTO/PLATE(WESDYNE)	AUTO/PLATE(KAITEC) AUTO/PLATE EXT.(GE) AUTO/PLATE(WESDNE) AUTO/PLATE(KHNP) AUTO/PLATE(IHISWT)
September	**October**	**November**	**December**
AUTO/PLATE(KHNP)	Generic Manual GENERIC PHASED ARRAY PLATE (OMNI SCAN AND HARFANG) AUTO/NOZZLE PREPERATION INTELLIGNDT	AUTO/PLATE(CEGELEC) AUTO/PLATE(IHISWT)	AUTO/PLATE(CEGELEC) AUTO/PLATE(IHISWT)

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2007 Schedule Work Load
RPV Qualification Activities

- RPV Demonstrations have been extremely busy.

- We have filled the schedule for 2007 and started filling the beginning of 2008.

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RPV Qualification Activities Scheduled for the remainder of the Year

- Cegelec (Gremany) Automated Collection and Analysis Plate (In Progress)
- IHISWT Automated Collection Plate Extension (In Progress)

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RPV MANUAL PLATE QUALIFICATION PASS RATES

- SUPPLEMENT 4 DETECTION PLATE
  - 1ST ATTEMPT 29 % PASS RATE (106 Attempts)
  - 2ND ATTEMPT 50 % PASS RATE (64 Attempts)

- SUPPLEMENT 4 LENGTH SIZING PLATE
  - 1ST ATTEMPT 98% PASS RATE (59 Attempts)
  - 2ND ATTEMPT 100% PASS RATE (1 Attempt)

- SUPPLEMENT 4 TWE SIZING PLATE
  - 1ST ATTEMPT 66% PASS RATE (65 Attempts)
  - 2ND ATTEMPT 83% PASS RATE (23 Attempts)

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RPV MANUAL PLATE QUALIFICATION PASS RATES

- SUPPLEMENT 6 DETECTION PLATE
  - 1ST ATTEMPT 53% PASS RATE (101 Attempts)
  - 2ND ATTEMPT 53 % PASS RATE (43 Attempts)
- SUPPLEMENT 6 LENGTH SIZING PLATE
  - 1ST ATTEMPT 98% PASS RATE (64 Attempts)
  - 2ND ATTEMPT 0% PASS RATE (1 Attempt)
- SUPPLEMENT 6 TWE SIZING PLATE
  - 1ST ATTEMPT 89% PASS RATE (64 Attempts)
  - 2ND ATTEMPT 71% PASS RATE (7 Attempts)

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RPV MANUAL NOZZLE QUALIFICATION PASS RATES

- SUPPLEMENT 5 (IR) DETECTION NOZZLE
  - 1ST ATTEMPT 82% PASS RATE (11 Attempts)
  - 2ND ATTEMPT 100% PASS RATE (2 Attempts)

- SUPPLEMENT 5 (IR) TWE SIZING NOZZLE
  - 1ST ATTEMPT 0% PASS RATE (6 Attempts)
  - 2ND ATTEMPT 50% PASS RATE (4 Attempts)

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RPV AUTOMATED ID PLATE QUALIFICATION PASS RATES

- SUPPLEMENT 4 & 6 DETECTION PLATE
  - 1ST ATTEMPT 65% PASS RATE (300 Attempts)
  - 2ND ATTEMPT 69% PASS RATE (97 Attempts)

- SUPPLEMENT 4 & 6 LENGTH SIZING PLATE
  - 1ST ATTEMPT 88% PASS RATE (198 Attempts)
  - 2ND ATTEMPT 86% PASS RATE (37 Attempts)

- SUPPLEMENT 4 & 6 TWE SIZING PLATE
  - 1ST ATTEMPT 61% PASS RATE (204 Attempts)
  - 2ND ATTEMPT 61% PASS RATE (75 Attempts)

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RPV AUTOMATED OD PLATE QUALIFICATION PASS RATES

- SUPPLEMENT 4 & 6 DETECTION PLATE
  - 1ST ATTEMPT 53% PASS RATE (179 Attempts)
  - 2ND ATTEMPT 56% PASS RATE (45 Attempts)

- SUPPLEMENT 4 & 6 LENGTH SIZING PLATE
  - 1ST ATTEMPT 95% PASS RATE (109 Attempts)
  - 2ND ATTEMPT 96% PASS RATE (23 Attempts)

- SUPPLEMENT 4 & 6 TWE SIZING PLATE
  - 1ST ATTEMPT 56% PASS RATE (109 Attempts)
  - 2ND ATTEMPT 57% PASS RATE (58 Attempts)

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Other RPV Activities

- Successfully Qualified Generic Procedure for Phased Array Plate (Omni Scan and Harfang) Detection, Length and TWE Sizing

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Summary

- The PDI RPV Program continues to be highly utilized
- International participation is up
- Domestic vendors upgrading equipment and expanding qualifications

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