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INL ALARA Committee

ATR Complex 2010 Quarterly Report

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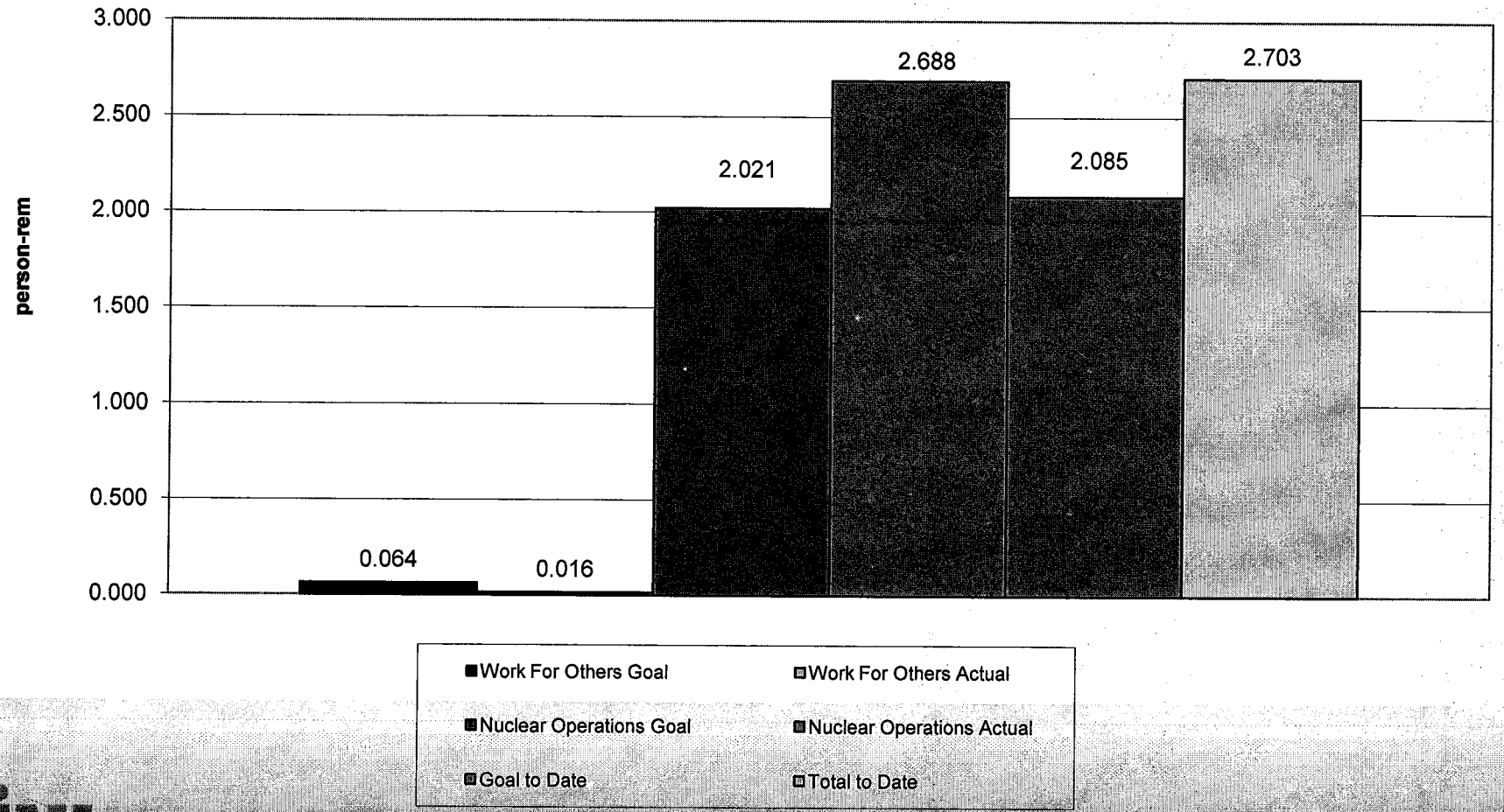
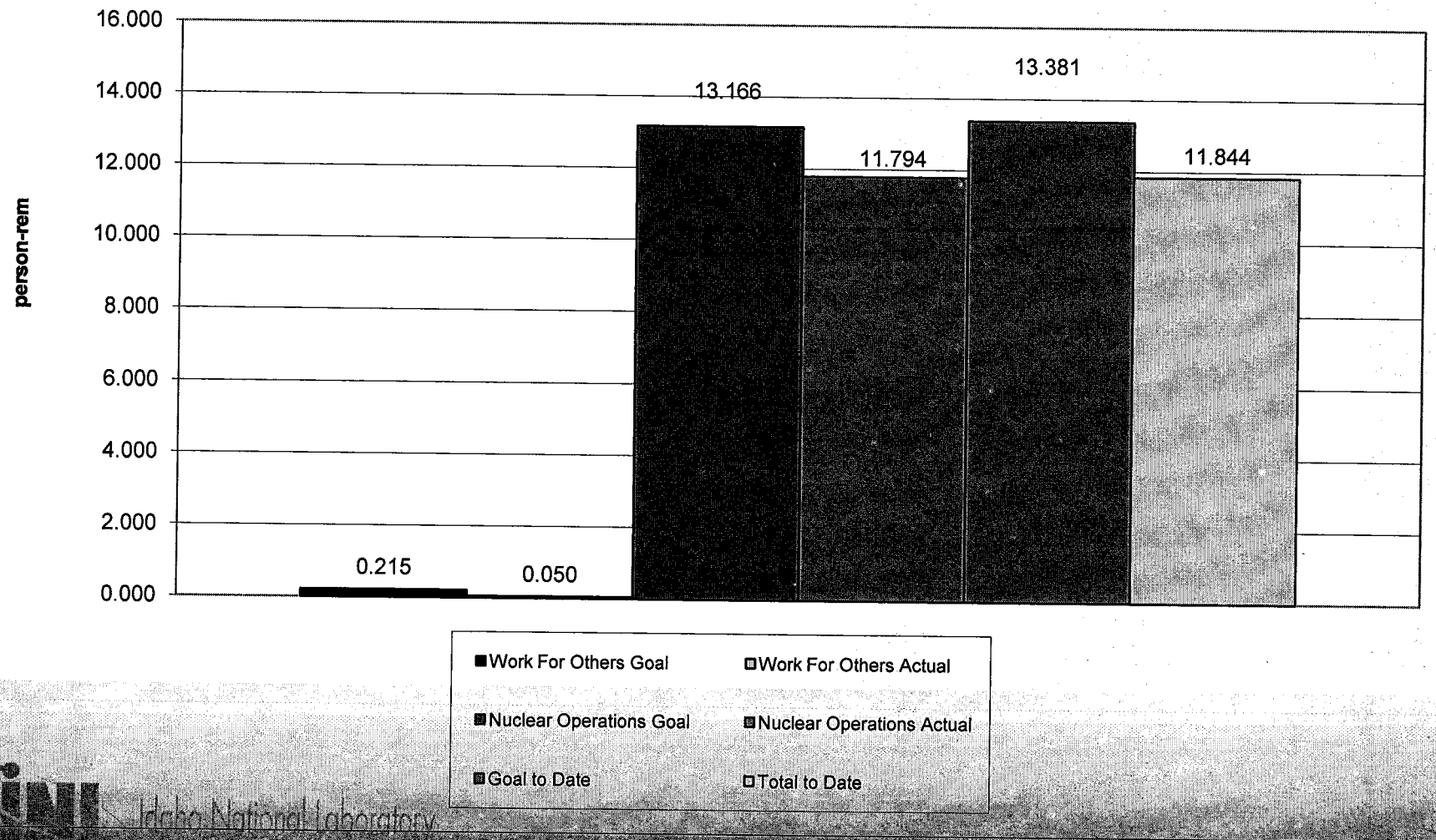
1st Quarter 2010 Dose Estimate for ATR Complex Operations

- 2.330 person-rem estimated based on known work scope.
  - 2.317 rem for Nuclear Operations
    - 0.825 rem Experiment Programs
    - 1.045 rem ATR Operations and Online Maintenance/Waste Processing
    - 0.447 rem ATR Outage Operations
  - 0.013 rem for Laboratory Operations

ATR Complex 4th Quarter 2009
Dose Distribution and Tracking (Rev. 1)



ATR Complex 2009 Year End
Dose Distribution and Tracking (Rev. 1)



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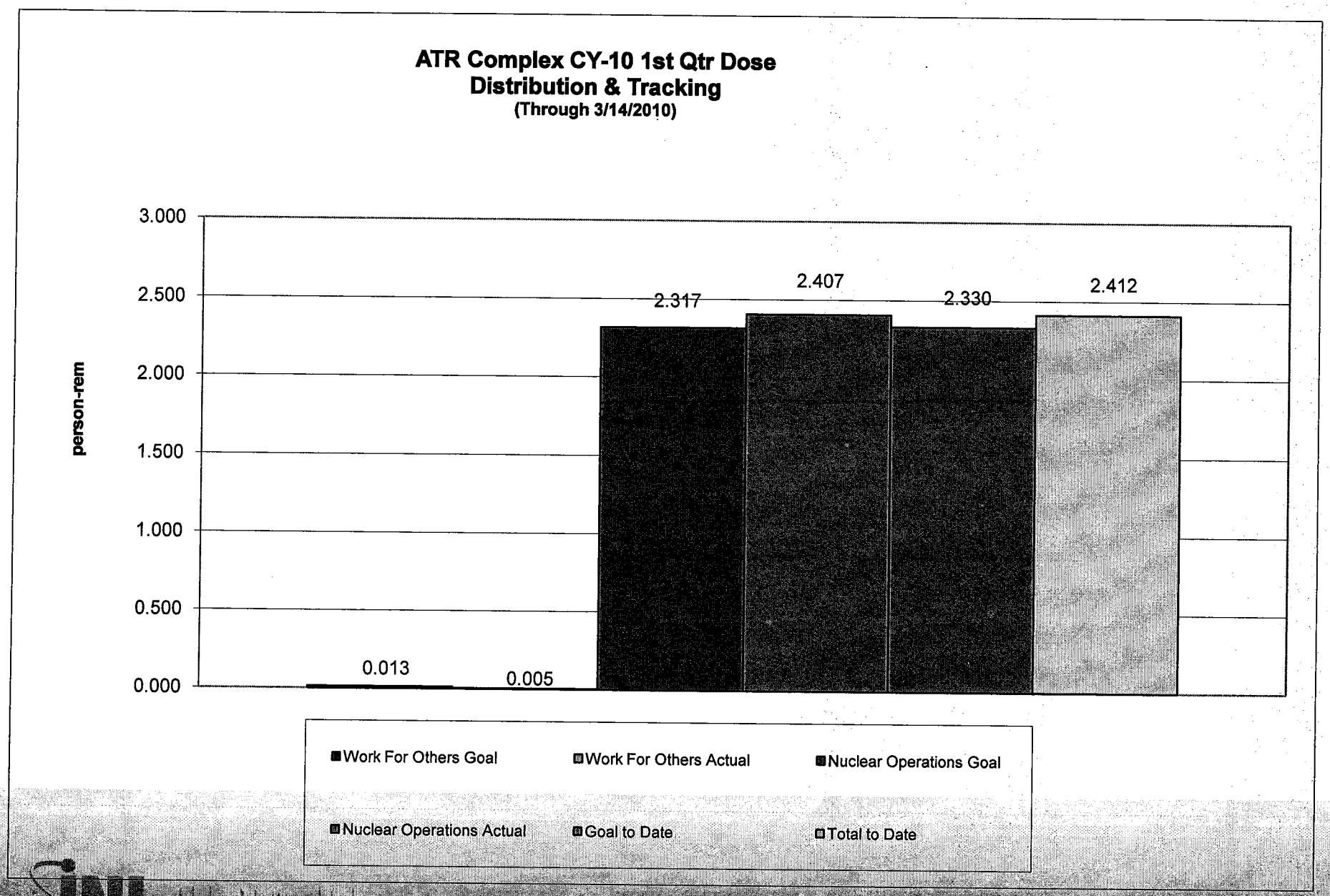

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Dose Related Performance Indicators

Highest Exposed Individual (2009)– 345 mrem ED, 373 mrem TLD (BEA Mechanic Supporting ATR)

Highest Exposed Individual (2010)– 103 mrem ED, (BEA RCT Supporting ATR)

Highest Neutron Dose (2009) – 28 mrem

Zero Recorded Neutron Dose for 2010

2009 No individuals needed extensions above the ACL

2010 No individuals expected to need extensions above the ACL