Idaho National Laboratory

INL ALARA Committee

ATR Complex 2010 Quarterly Report

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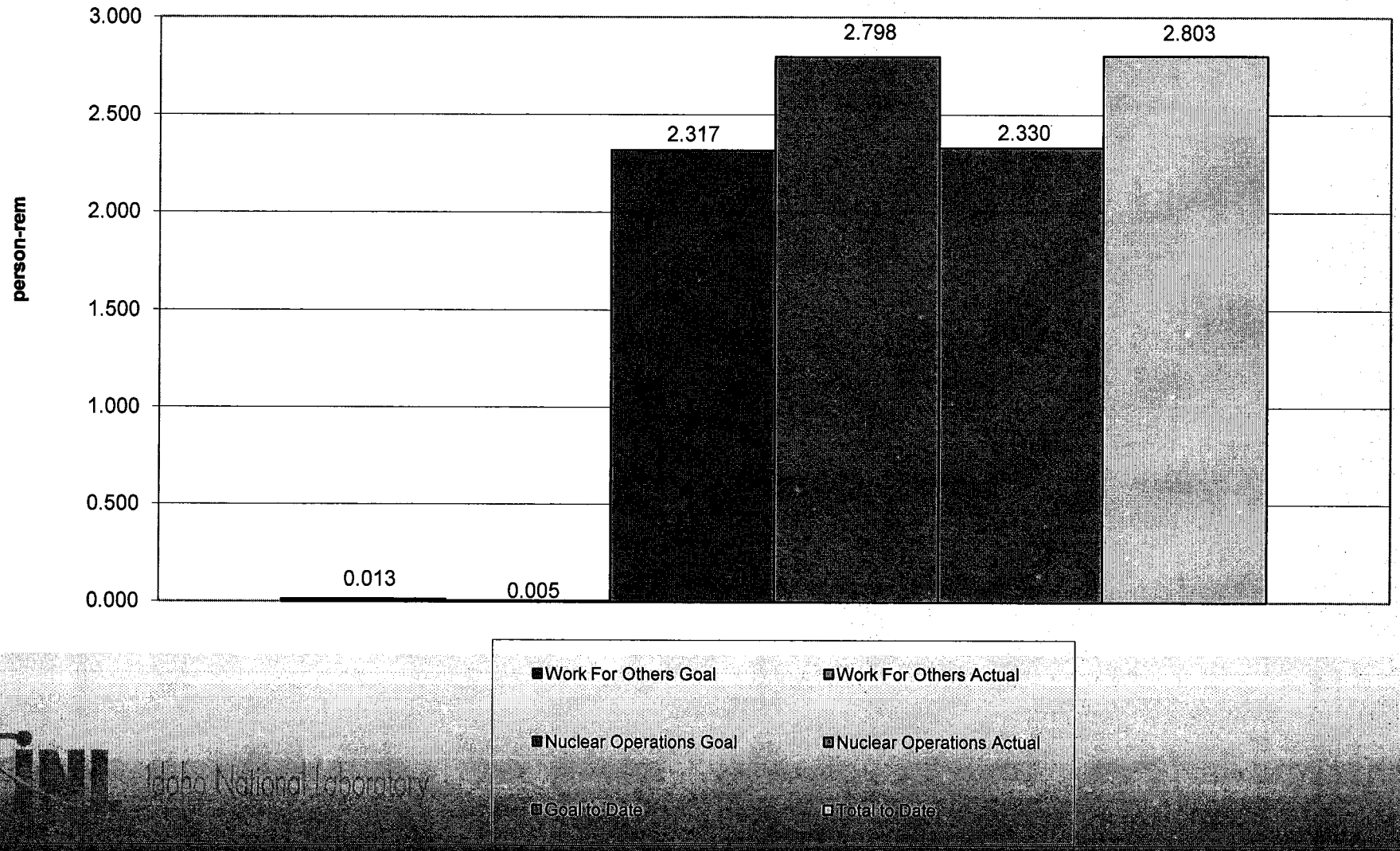
July 13, 2010

2nd Quarter 2010 Dose Estimate for ATR Complex Operations

- 4.194 person-rem estimated based on known work scope.
  - 4.174 rem for Nuclear Operations
    - 1.998 rem Experiment Programs
    - 1.155 rem ATR Operations and Online Maintenance/Waste Processing
    - 1.021 rem ATR Outage Operations
  - 0.020 rem for Laboratory Operations

ATR Complex CY-2010 1st Qtr Dose Distribution & Tracking



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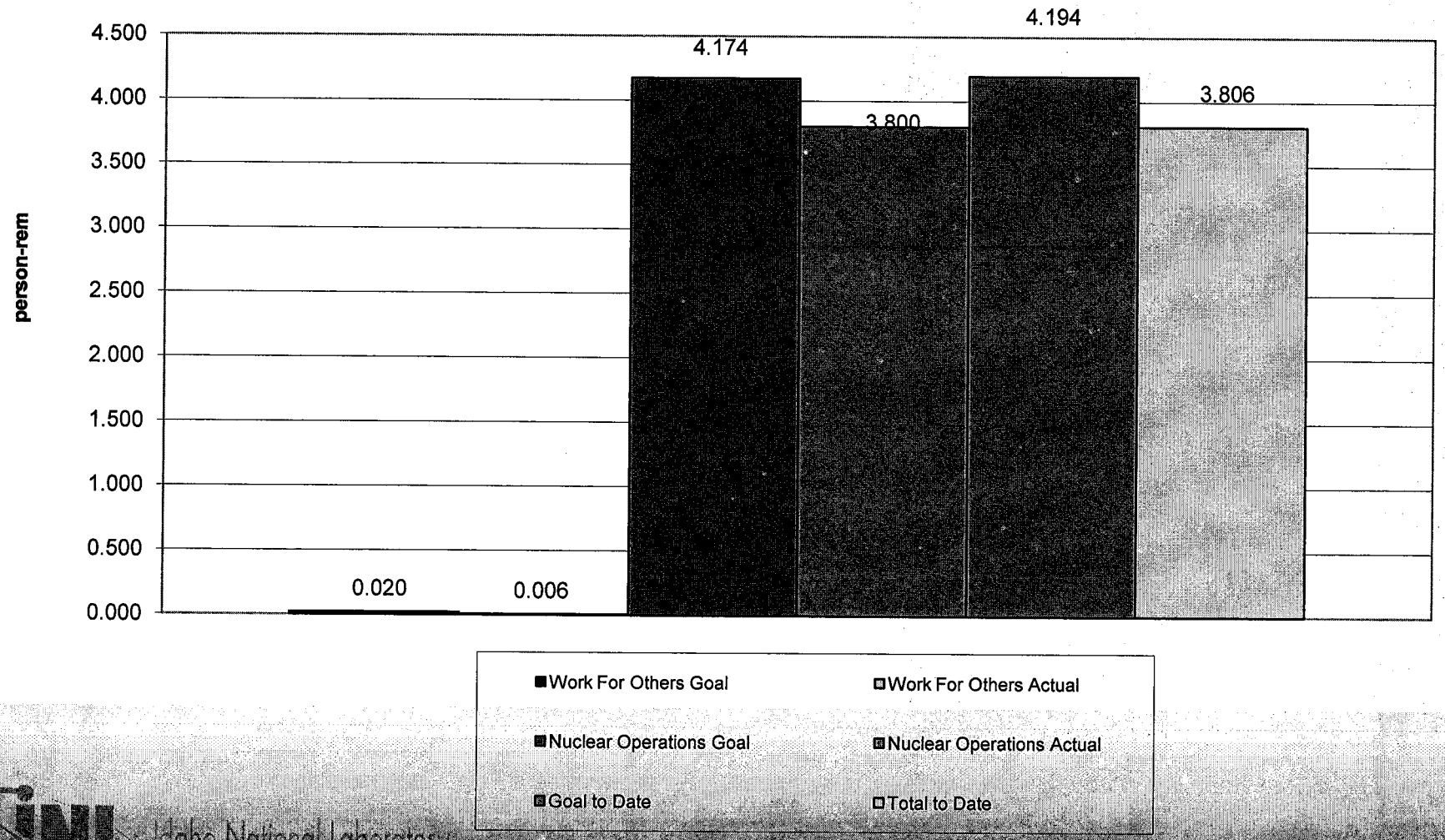
ATR Complex CY-2010 2nd Quarter Dose Distribution and Tracking



Dose Related Performance Indicators

Highest Exposed Individual (2010)– 184 mrem ED,

(CWI Insulator Supporting ATR under subcontract)

37 mrem Neutron Dose for 2010

2010 No individuals expected to need extensions above the ACL