

# Idaho National Laboratory (INL)

## SEC Update

### SEC00219

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Division of Compensation Analysis and Support

# Overview

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- Proposed Class Definition
- NIOSH Update
  - Data Gaps
  - Dosimetry Report and Monthly Report Comparison
  - Review of NOCTS Claims
- Update on INL and ANL-W Activity Timeline



# Proposed SEC Class Definition

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All employees of the Department of Energy, its predecessor agencies, and their contractors and subcontractors who worked at the Idaho National Laboratory (INL) in Scoville, Idaho, and (a) who were monitored for external radiation at the Idaho Chemical Processing Plant (CPP) (e.g., at least one film badge or TLD dosimeter from CPP) between January 1, 1963 and February 28, 1970; or (b) who were monitored for external radiation at INL (e.g., at least one film badge or TLD dosimeter) between March 1, 1970 and December 31, 1974 for a number of work days aggregating at least 250 work days, occurring either solely under this employment, or in combination with work days within the parameters established for one or more other classes of employees in the Special Exposure Cohort.



# Does NIOSH have all of the Dosimetry Data?

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- Look for Data Gaps in dosimetry
- Compare number of dosimeters reported in monthly Health Physics reports vs. the number of people listed on the badge reports obtained from the site.

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# Review of CPP Dosimetry for Gaps

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- CPP Dosimetry Reports (1963-1974)
  - After follow-up only December 1970 is missing
    - *Note cycle end date was December 25, 1970*
  - Not significant since annual reports are available for 1970
    - Single badge from any location from March through December 1970 is part of class. If annual summary is all that indicates dose, then should assume CPP exposure.
  - Checked dose totals for select workers and annual summary has the December dose.
    - Annual dose greater than sum of Jan-Nov totals



# Review of CPP Dosimetry for Gaps

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- Temporary Badge Reports (1959-1976)
  - None appear to be missing. NIOSH has temporary badge reports for every month between 1959 and 1976.
- CX (Construction) Dosimetry Reports
  - After follow-up in August, there are no gaps or missing data from the CX dosimetry reports.



# Comparisons of Monthly Health Physics Reports vs CPP Dosimetry

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- Goal is that if the site indicated that they processed 500 dosimeter badges in a month and we have 500 dosimeter results then we can be fairly sure we have all of the results.
- Reviewed 1963 through 1970 found very good agreement between monthly reports and dosimetry printouts.

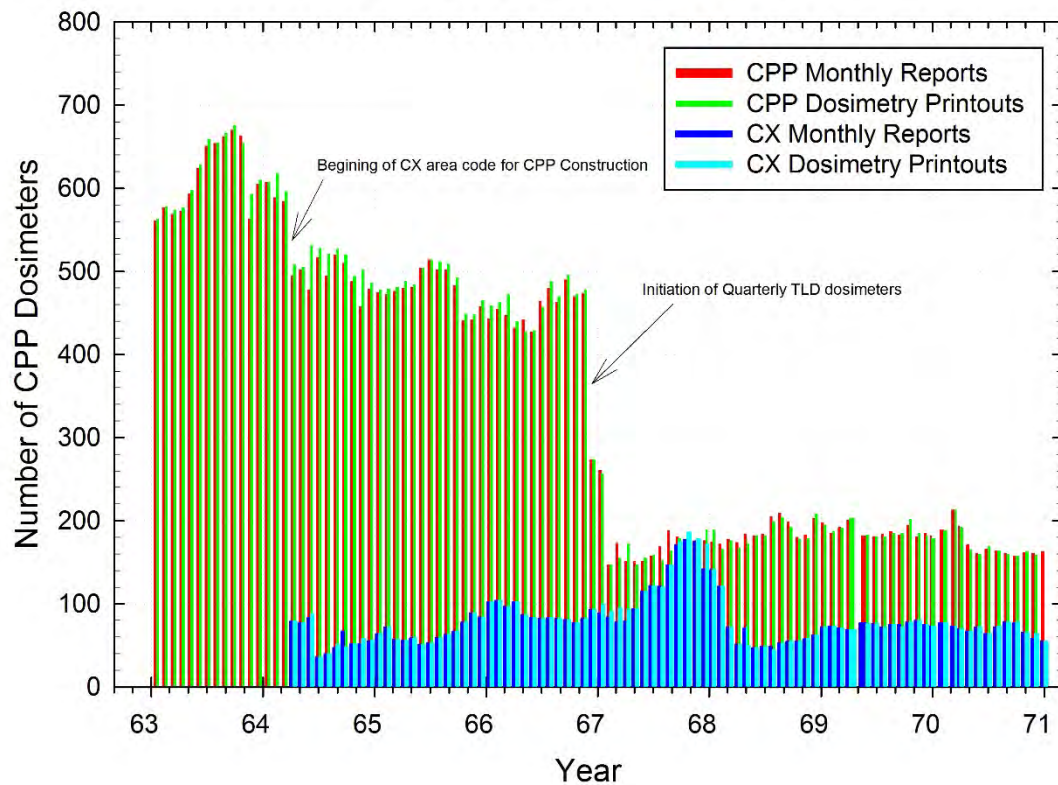
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# CPP Dosimetry Comparison

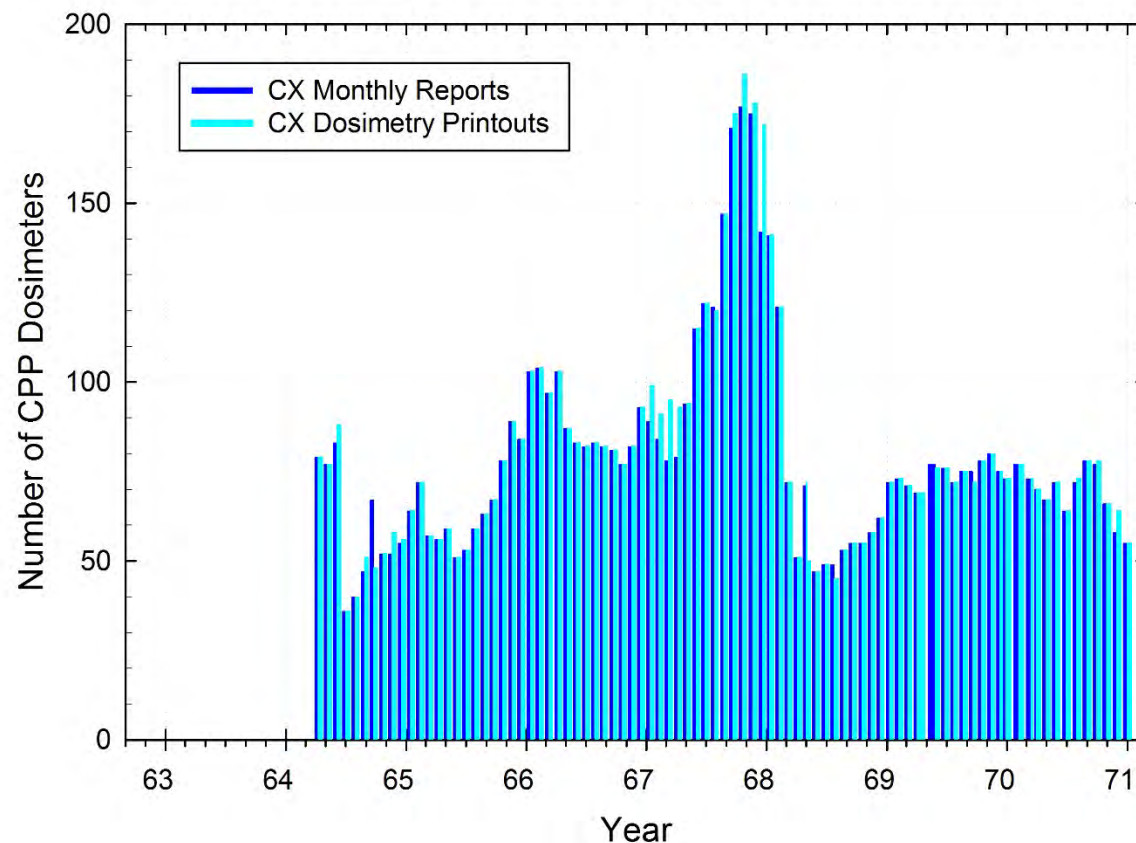
## INL CPP Dosimetry Comparison



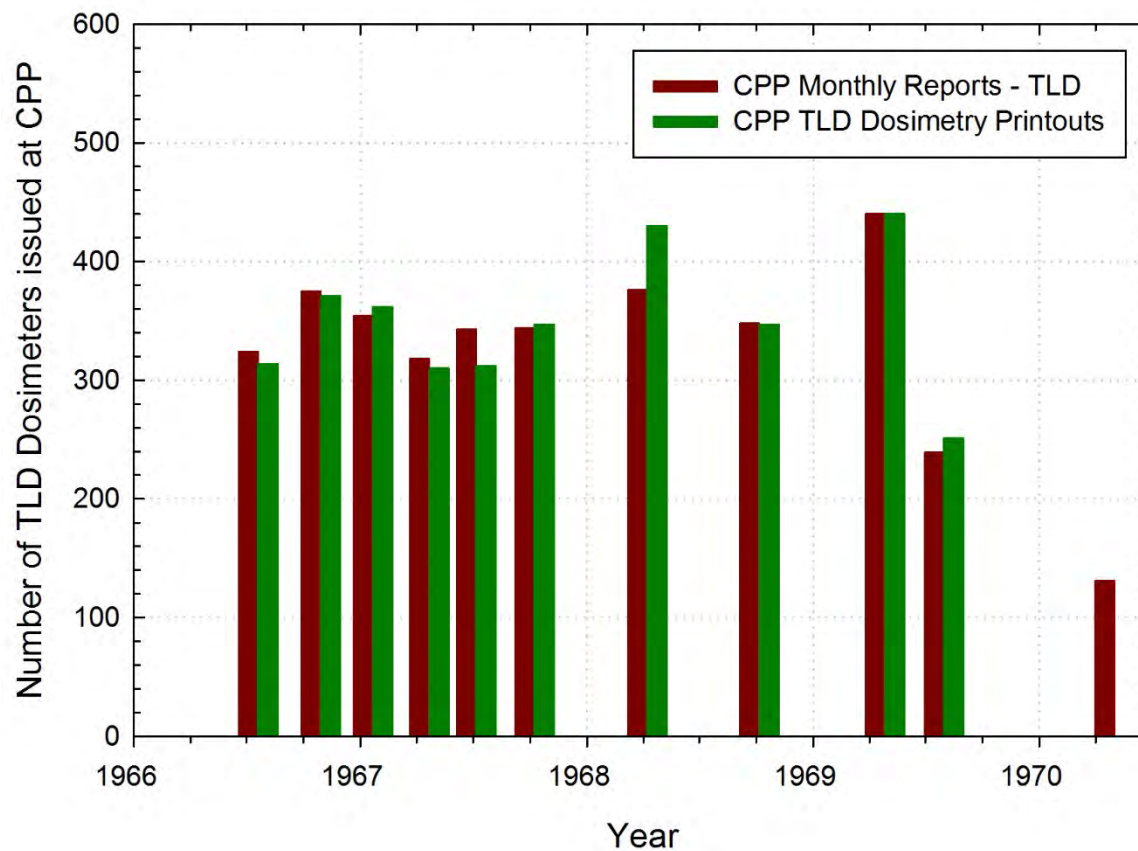


# CPP Dosimetry Comparison

INL CX Dosimetry Comparison



# CPP TLD Dosimetry Comparison



# Comparison Statistics

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January 1963 – November 1970	HP Monthly Reports	Dosimeter Printouts	Difference
CPP Prime Contractors	35870	36228	358
Construction Contractors (CX)	6956	7011	55
CPP TLD's	3461	3484	23
Total	46287	46723	436

Average monthly difference for Prime Contractors is 3.5 dosimeters

Average monthly difference for Construction Contractors is 0.5 dosimeters



# Review of 1753 INL Claims in NOCTS

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- 1<sup>st</sup> Review to determine whether employment period was within the proposed SEC
  - 872 claims (49.7%) did not work during the SEC period
  - 881 INL Claims with employment during SEC Period
- 2<sup>nd</sup> Review 881 INL Claims to determine if there is indication of work at CPP.
  - Computer Assisted Telephone Interview CATI
  - Dose Reconstruction Report
  - DOE file



# Follow-up Claims

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- July - 32 claims needing follow-up
- August - After receipt and review of CX dosimetry file
  - *Identified 10 claims needing follow-up*
- October - 7 (0.9%) claims need follow-up to determine status
  - *Down 3 from 10 earlier due to claim being part of the class from identified dosimetry in the 1970-1974 time period (i.e could have used other area badge for CPP work)*
- Request for supplemental information on 7 claims sent to the site on October 5, 2015
- Request for supplemental information for the 11 additional claims SC&A identified was sent on October 13, 2015
- Total 18 of 881 claims (or 2%) are being followed



# Follow-up Claims

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- Expect to receive supplemental dosimetry on the 18 claims by the end of November
- Expect to provide a summary of claims to the workgroup by the end of the year
- INL Workgroup conference call is being planned for the second week of January to discuss this follow-up.



# Summary

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- No significant data gaps identified
- Good comparison between periodic reports and dosimetry data
- Follow up between NIOSH and SC&A has been reduced to 18 of 881 claims or 2%, thus the current definition works for at least 98% of the claims.



# Update on Idaho SEC Activities

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- ANL-W SEC Petition (SEC00224) evaluation report is delayed until January / February 2016
  - Discovery of early (1952) bioassay data (urine and fecal results) for ANL-W workers in the ANL-E dosimetry records.
  - Follow-up requests for dosimetry and bioassay from both ANL-E and INL to sort out location and timeline of the records.
  - Received all of the requested follow-up records from the site on October 28, 2015 – currently evaluating

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# Update on Idaho SEC Activities

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- While waiting on follow-up records for ANL-W, we began work on reserved sections of INL SEC (SEC00219) (Evaluation Report Addendum)
  - First Data Capture was week of October 19<sup>th</sup>
  - Second Data capture was week of November 2<sup>nd</sup>
- Need to conduct a couple of interviews and are hoping to add a couple of people to SC&A's list
- February 2016 – Goal to have SEC Evaluation Report Addendum to petitioners and ABRWH
- March 2016 - Present SEC Evaluation Report Addendum to ABRWH.

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# Idaho SEC Activities – Proposed Timeline

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- March 2016 work with the ABRWH's INL Workgroup and SC&A to resolve findings, issues, and concerns with:
  - INL SEC00219 Evaluation Report
  - ANL-W SEC00224 Evaluation Report
  - INL SEC00219 Evaluation Report Addendum

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# Questions?

