

Incident Review and Trending Results
Argonne National Laboratory –East
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Introduction

Argonne National Laboratory – East (ANL-E) is committed to assuring a safe and healthful workplace. The primary focus of our Environment, Safety, Health and Quality Assurance processes and programs (ES&H/QA) is to prevent incidents by properly planning work, conducting hazard analysis and implementing control measures. In addition, ANL-E uses lessons learned reports and incident reviews to identify ways to improve our ES&H/QA processes and programs.

Incident Review Activities

At ANL-E incident reviews for trends and recurring events are conducted as part of our integrated safety management program implementation. Each incident, ORPS reportable and non-ORPS reportable events, were evaluated with other similar events to identify trends and needed corrective actions to prevent recurrence. The type of incident will determine which process is used to evaluate the incidents for trends. At ANL-E formal processes are established and implemented for injury/illness cases and potential PAAA issues.

For injury/illness cases the process used was:

1. The Division conducted an investigation, evaluated the incident for trends, and developed corrective actions.
2. An EQO safety engineer reviewed all injury/illness cases for trends using similar first aid, OSHA recordable and ORPS cases for at least the previous 12 months.
3. At the weekly Occupational Injury/Illness Review Committee meeting, whose members include physicians, safety engineers, industrial hygienists and line managers, individual case information was reviewed and evaluated for trends. As appropriate, line management was provided recommended corrective actions.
4. The June injury/illness cases (see attached Monthly Safety Report for case information) were evaluated with the previous 12 months cases to identify trends.

The above injury/illness reviews did not identify any noteworthy trends or recurring events.

For PAAA issues and incidents involving radiological materials the process used was:

1. A review of each reported potential PAAA issue was conducted by the PAAA Coordinator Alternate. The review included an evaluation for trends by the Radiation Safety Officer, the PAAA Coordinator, and other Subject Matter Experts.
2. The PAAA Coordinator Alternate evaluated each potential PAAA issue for NTS reportability and similarity to all other events.
3. The PAAA Review Committee and the PAAA Coordinator evaluated all PAAA individually and as a group of similar events for NTS reportability.

The above potential PAAA issue reviews did not identify any noteworthy trends or recurring events.

For other events, such as transportation, environmental releases, etc., EQO discussed events at our weekly staff meetings. The discussion involved identification of similar events and no trends were identified.

In addition to the above review activities conducted by the Laboratory, at weekly meetings between DOE-ASO and Laboratory management, incidents are discussed and they are reviewed for trends. The weekly meetings did not identify any trends.

Incident Trend Evaluation and Reporting

If trends are identified they are evaluated for ORPS and NTS reportability. ORPS and NTS reports are shared widely throughout the Laboratory. For trends that are not reported into ORPS or NTS, the trend would be reported in our Monthly Safety Report. The Monthly Safety Report is distributed to line managers, ES&H Coordinators and others, and is available on the ANL-E intranet.