

Working Session #2 – Measuring & Monitoring ISM Effectiveness Issues Identified Per EFCOG and PSO

EFCOG

- Need standard minimum set of indicators
- Address level of specificity of measures
- Evaluate Science Approach
- Focus on Safety Performance Measures
- Metrics promote error prevention in precursor form
- Ensure approach to metrics support is open reporting, avoid metrics becoming tool for negative reinforcement

NNSA

- Clarifications needed on standards for measuring
- Discussion on leading & lagging indicators
- Corporate metric to include integration of security, safety, & mission completion

SC

- Common set not always useful
- Data analysis – figure out what questions to ask first
- Philosophy discussion ensued

NE

- Improved mission accomplishments
- Measure workforce utilization
- Do we have a corporate set of metrics the PSOs currently look at

EM

- The EM Group performed a brainstorming exercise and collected potential measures and normalizing techniques but more importantly, issues and considerations for creating corporate measures for measuring ISM system effectiveness. (see attached for listings).
- EM HQ provided an example of an “Effectiveness for Safety” formula that they are trying out on field data (attached).
- EM felt time in the field overseeing activities by DOE staff and managers is critical to safety systems effectiveness.
- EM also continues to work on the human performance improvement initiative (adopted from INPO) and feels the need for continued reporting to achieve this improvement needs to be taken into account when reporting requirements and measures are developed.
- See attached background and workshop objectives for additional information.