

Meeting Minutes -- April 20, 2005

Place: Blue Ox Tavern

Time: 6:00pm

Attendees: *Posted on the ASQLV Web Site*

- Matt Maio called the meeting to order..
- Carl and Colleen asked the group if they would like to have meetings in July and August. In the past, vacations and other obligations caused meetings to be cancelled. The group agreed that we should hold meetings in July and August.
- Matt agreed that he would give a ECQ presentation for the July meeting.
- Carl introduced Mr. Mike Ulshafer, who works for the DOE at the Yucca Mountain project.
- Mr. Ulshafer briefly gave his biography.
- Mr. Ulshafer worked for Pantex for 9 years, which is near Amarillo, TX.
- Mr. Ulshafer showed several slides which showed the layout of the Pantex facility.
- Mr. Ulshafer reviewed the assembly cell layout at Pantex
- Mr. Ulshafer showed the disassembly of a gravity bomb.
- Mr. Ulshafer's quality plan was DOE414 – which is a balance of plan program.
- The QC procedure for nuclear weapons is known as QC1.
- Pantex has a 3-prong approach to quality.
 - Quality Culture
 - QC1 Compliance
 - Product Acceptance
- Pantex had many outside entities conducting surveys and audits. The final inspection was done by a federal government inspector, who put a traceable stamp (a star) on the weapon.
- Mr. Ulshafer described ISM (Integrated Safety Management), which is similar to a P-D-C-A concept.
- Mr. Ulshafer described how production technicians at Pantex had to go through rigorous training and follow strict procedures.
- Mr. Ulshafer then talked about Yucca Mountain, and handed out promotional materials.
- Mr. Ulshafer's job at Yucca Mountain relates to procedures and documentation.
- Mr. Ulshafer described the QARD at Yucca Mountain (Quality Assurance Requirements Document), that took 2 years to complete.
- Mr. Ulshafer wrapped up his presentation, and was presented with a certificate of appreciation along with an ASQLV portfolio.