In-service Welding and Repair Welding Subcommittee – NDT Task Group
January 19, 2017

Chair: Matt Boring

- Meeting was called to order at 9:00 am
- Introductions - 22 attendees were present
- The charter of the task group was reviewed. The task group was formed to look at inspection methods and acceptance criteria for repair methods and in-service welds.
  - It was suggested that a review of API 1107 be performed to determine the original inspection requirements and the evolution of the inspection requirements prior to incorporation into API 1104.
  - A discussion was had about the potential of separating Annex B from 1104 because of the recommended practice approach to Annex B.
- The report from the new construction working group provided by Kyle Lee was reviewed in detail which included a summary of the inspection requirements for welds other than full penetration butt welds that are present in several ASME documents. Comments were recorded about inspection practices used by the attendees. The report did address topics that applied to both in-service and construction repair methods. Axel Aulin volunteered to gather some industry practices.
- The report from the in-service working group was reviewed. The discussion pertained to what indications are really critical (based on failures) and the location of those indications as well as a brief discussion pertaining to inspection delay time. Chuck Woodruff volunteered to review AWS D1.1 with the goal of determining if specific fillet weld or branch groove weld acceptance criteria or suggested inspection practices are included in the document. A suggestion was made that Section B.3 of API 1104 look at specifying details about critical indications and locations which would give guidance to the inspector. The final item of discussion was the inspection of the sleeve or fitting long seam and what was the attendees experience with these weld joints.

**Action Items**
1. Matt Boring to review the editions of 1107 to document the evolution of the inspection requirements in 1107.
2. Axel Aulin to provide industry practices to the Task Group for review.
3. Chuck Woodruff to provide a summary of AWS D1.1 fillet and branch groove weld inspection practices
4. Matt Boring to provide the Task Group suggestions of Annex B subcommittee for paragraph revisions to B.3

- Adjournment approximately 12:00 pm