



CASE STUDY

NuSource, LLC and TÜV Rheinland

TÜV Rheinland's knowledge of ASME Section III Code helps NuSource complete their renewal for Nuclear Survey with no findings

CLIENT PROFILE



NuSource, LLC supplies safety-related hardware solutions to the nuclear power industry, including utilities, NSSS and OEM suppliers. They specialize in difficult-to-solve replacement solutions that are critical to plant operation and regulatory compliance. NuSource is an ASME (N) Certificate holder with a Quality Assurance program that meets the criteria of 10CFR50 Appendix B, and 10CFR Part 21. For every project, NuSource delivers the engineering expertise, the nuclear industry knowledge, and the manufacturing skills needed to supply the solution that best meets all of the customer, plant, code, project, and documentation requirements. The group has been a client of TÜV Rheinland AIA Services for one and a half years.

BUSINESS CHALLENGE

Joshua Grimm, NuSource's Quality Assurance Manager, needed to renew NuSource's Certificate of Authorization for ASME Section III work (N-Subcontract). NuSource intended on expanding their approved scope to include activities not normally associated with a company that mostly subcontracts work. Joshua knew that he would need to work with a vendor that had a good deal of experience in ASME Section III code, something many vendors did not offer.

After meeting with Joshua and the NuSource team, TÜV Rheinland responded by working to get Gary Claffey, one of our Authorized Nuclear Inspector Supervisors (ANIS),

involved with the ASME Nuclear Code Committee. This provided TÜV Rheinland the opportunity to continually increase knowledge in this area, and ultimately, to better serve our client, NuSource. The inside knowledge of ASME Nuclear Code that TÜV Rheinland brought with them was useful as NuSource prepared to renew their Certificate of Authorization for ASME Section III work (N-Subcontract).

TÜV Rheinland's Gary Claffey (ANIS) and Robert Baisley (Authorized Nuclear Inspector / ANI) held multiple planning discussions and performed an in-depth pre-survey to help NuSource identify and improve any potential issues that might arise during the Nuclear Certification renewal.



RESULTS

The Nuclear Survey went extremely well and NuSource, LLC acquired the requested expanded scope. The ASME team leaders completed their audit in just three days, leaving earlier than planned thanks to the preparation work done by TÜV Rheinland and NuSource. This helped reduce survey time and overall audit cost.

At the end of the audit, NuSource received a favorable recommendation with no Quality Deficiencies identified in the ASME team leaders' report, which is remarkably rare in any Survey, but even more so in the Nuclear world.

This was due in large part to TÜV Rheinland's attendance at the ASME Nuclear Code Committee meetings, which gave insight into new and evolving concerns. Joshua, the NuSource QA Manager, cited a particular instance in which Gary's attendance at a Code Week meeting led to him being able to present the ASME team leaders with direct input on how to approach an issue that was raised during the Nuclear Survey.

"Bob is an excellent resource for practical applications when performing Code work, and making sure the manner in which we are planning and performing work complies with Section III," praised Joshua. "Gary's level of knowledge is above average, and he's open to different interpretations on how to go about meeting Section III requirements while still making sure we meet applicable requirements," he continued. "Further, his attendance at ASME Boiler Code Week helps keep him apprised of ongoing Code work."

Clear communication of Nuclear Survey goals and cooperation between NuSource, LLC with TÜV Rheinland AIA Services led to a successful certificate renewal and expansion.

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“The in-depth pre-Survey they performed prepared us for some issues we had not considered prior to their work and helped set us up for success.”

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