



Becht Answer Man Support

The Becht Difference

- Becht Engineering has an **engineering consulting and problem-solving** tool called **Answer Man**
- Answer Man permits plant staff engineers to call Subject Matter Experts (SMEs) at Becht Nuclear Services, and obtain **prompt technical and regulatory guidance** to solve problems
- This service provides the **correct technical solution** while providing **on-the-job mentoring** and transfer of knowledge from SMEs to plant staff
- The Answer Man support is available **24/7**
- A point of contact, interface **protocol**, and documentation format is established up front
- Some questions may be resolved at no cost, otherwise a maximum hour estimate is provided **upfront**

Our broad range of capabilities allow Becht's SMEs to supplement a site's own internal capabilities. Becht Engineering personnel **approach a project with an owner's perspective** of safety, reliability, cost, and schedule.

How-To Get Started?

- Kickoff—introduction to our services
- Establish a single purchase order
- Establish client and BNS point of contact
- On-going contact typically by phone/ email
- Administration—tracking & reporting
- Monthly reports

Typical Interactions

- SME opinions (codes, standards, technical "hurdles")
- Technical solutions in support of operability determination
- Fabrication/design questions
- Independent expert review of plant opinions
- Root cause and solution of abnormal conditions, degradation, non-compliance components, and steel/concrete supports

Answer Man Support Disciplines

- Technical support in mechanical and structural engineering analysis, qualification, operability, and regulatory perspective for ASME systems and components and their support structures
- Technical input to operability assessment of ASME systems and components, in accordance with NRC regulations and guidance
- Materials, welding, and corrosion
- Reconciliation reports for ASME Code and material specifications
- Fitness-for-service evaluations of damage and non-conformance (ASME XI and NRC regulations)
- Fatigue, fracture mechanics, and failure investigation
- Thermo-hydraulics, heat transfer, and computational fluid dynamics (CFD)
- Flow-induced vibration and waterhammer resolution, field diagnostics, investigation, and prevention
- Repairs (ASME XI and NRC precedent)
- ASME and ASCE code and standards questions
- Rotating equipment (pumps, compressors, fans, and their supports)
- Heavy-lift consulting

Answer Man Objectives

- On call resource to augment site technical expertise
- Easy access to extensive network of industry SMEs in all disciplines related to mechanical systems and components
- Clear, actionable and practical opinions
- Technical mentoring
- Single PO reduces activation energy for small projects. Pay as you go, no up-front payment

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Becht Engineering
We Solve Problems...