

Introduction

For many years NAC International (NAC) has provided expert support to nuclear utilities seeking augmentation of their in-house knowledge and personnel responsible for nuclear fuel fabrication procurement. Examples are detailed on the following page.

Chris Rusch, Senior Consultant, and **John Rivera**, Director of Fuel Performance, are the NAC in-house expert consultants providing this service. They have years of in-core and out-of-core experience to draw on from their careers at U.S. utilities, allied to many years of experience as consultants working closely to support utility client activities.

Benefits for the Utility Clients

Many utilities engage in fuel fabrication procurement infrequently. NAC's experts can provide access to knowledge of contemporary practices, execution of independent reviews and other general support in the preparation and implementation of a procurement exercise, as follows:

- Knowledge of contract scope of supply
- Assistance with the definition of fuel technical and quality requirements
- Nuclear fuel design reviews
- Knowledge of contemporary terms and conditions in fabrication contracts
- Assistance with the preparation of general "Instructions to bidders" consisting of important guidelines and instructions to potential suppliers regarding the bid process, evaluation criteria, bid validation, bidder qualification requirements and other information regarding the bidding procedure

NAC's expert support to your procurement activities has the potential to repay the investment in our services many times over.

PLEASE DIRECT ENQUIRIES TO:



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Examples of NAC Fabrication Procurement Support to Utilities

Procurement of reload fabrication services that included a fuel design change:

- Detailed review of nuclear fuel designs – a fuel design change was required regardless of the supplier selected in the procurement process
- Detailed review of a draft reload contract compiled by the client that included major provisions regarding the development of a new nuclear fuel design
- Comprehensive review and evaluation of the bids including fuel cycle cost analysis
- In conjunction with client, established contract negotiating positions
- Face-to-face negotiations (NAC and client as a team in multiple negotiating sessions with potential suppliers)

Procurement of reload fabrication services by a utility with dated procurement documents:

- Reviewed, commented and provided edits on a draft contract and instructions to bidders that required multiple changes in order to update the documents

Procurement of initial core and reload fabrication services as part of the procurement effort for new nuclear power plants that included:

- Detailed review of the draft contract compiled by the client
- Comprehensive review of the bids
- In conjunction with client, established contract negotiating positions
- Face-to-face negotiations (NAC and client as a team in negotiating sessions with potential suppliers)