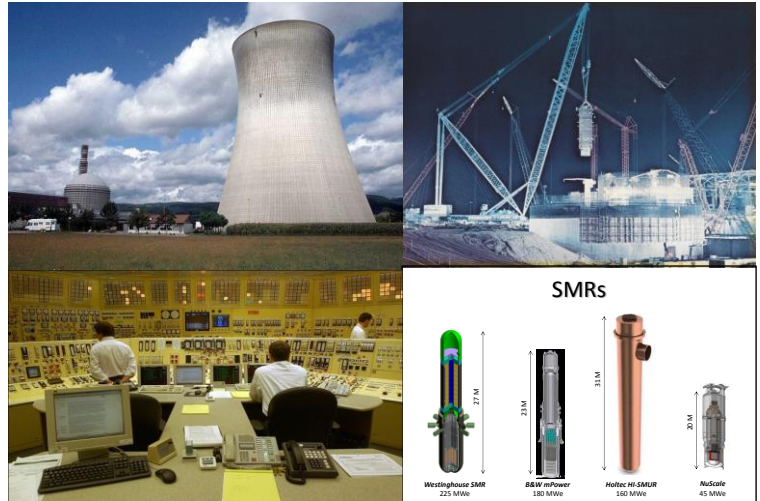


# Nuclear Energy Strategies

Recognized and accomplished Link Resources' consultants assist nuclear utilities in dealing with strategic issues from early stage asset planning through construction, commissioning, operations, and retirement ....covering broad nuclear industry issues, past, present and future.



Link's experience transcends the nuclear life cycle



**The optimal strategy must integrate the highest issues with the lowest issues. Conversely, an inappropriate policy at the lowest level can have material repercussions at the highest.**

Experienced in advisory consulting and oversight, Link nuclear consultants are also former executives, line managers, and indeed supervisors with empathetic interface with the operators and technicians who keep our plants operational. We are not newly minted engineers or MBAs. We are not career consultants, who have learned from reading articles and attending seminars...or by observing the relevant issues from the periphery. Our team has experienced the issues faced by the nuclear power industry first hand, providing a unique and valuable perspective. Each individual has successfully confronted the complex challenges of the nuclear energy industry. We have been involved with project development, licensing, engineering, procurement, construction, commissioning, operation, maintenance and retirement stages. Experience that is directly applicable to TVA's nuclear business!

*The wisdom of "having been through this before" eliminates considerable "familiarization" steps in any engagement, contains cost and leads to reliable solutions.*



# Nuclear Energy Strategies

**Because of the extensive direct senior experience in all aspects of nuclear power, Link can provide unmatched strategic insight to TVA's nuclear program. Again, the highest level strategy is dependent on not only awareness of the largest picture but also on the smallest:**

## **Regulatory Oversight & Support**

Our broad strategic experience in the regulatory area stems from positions our team members have held (CEO, CNO, Chief Eng, Plant Manager)... line management positions involving operating units, the 10CFR50 two-step process of the 70s and 80s and the current

## **Nuclear Plant Operations & Maintenance**

Team Teledyne experts have been involved with strategic and tactical aspects plant O&M: from serving as CNO, to INPO and EPRI driven best practice policy restructuring, and performing organizational optimization.

## **Project and Risk Management Oversight**

Team Teledyne consultants are expert in strategic project and risk management programs and have direct hands-on experience establishing, implementing and overseeing such programs for nuclear projects.

## **Safety and Risk Assessments**

Team Teledyne members have been directly responsible for establishing and managing nuclear safety and risk issues as consultants, and in line positions at nuclear utilities. One of our consultants analyzed strategic benefits and was an early adopter of Probabilistic Risk Assessment for three operating nuclear plants.

## **Root Cause Evaluation**

Team Teledyne has deep hands-on experience evaluating fleet strategic needs and establishing and implementing 10CFR50 Appendix B compliance strategies. Examples include: establishing and conducting root cause analysis training; developing programs for failure prevention, risk analyses, corrective action, and performance improvement; Creating and serving on Corrective Action Review Boards (CARBs).

## **Organization & Program Effectiveness Review**

Our staff has advised clients on matters related to organizational design and matters associated with program policies and procedures strategic optimization.

We have demonstrated success in organization and program effectiveness by turning around troubled programs, improving successful programs, and initiating new efforts.

## **Nuclear Construction & Commissioning**

Team Teledyne personnel have been at center stage in strategic planning and monitoring of engineering, licensing, construction, and commissioning roles. Our consultants have been engaged in supporting current Gen III<sup>+</sup> nuclear construction activities and SMR licensing, manufacturing, and construction activities.

## **Nuclear Plant Security**

Award winning security support for federal agencies indicates Team Teledyne's expertise. Successful experience has involved developing strategic programs for cyber security and technology; operations Security (OPSEC) programs; government agency partnerships; NERC, DOE, and NRC audits, certification, and accreditations; classified lab management; and security systems hardware and software; as well as many other areas.

## **Event Response and Special Inspections**

Having formed and led SI response teams for five utilities and the naval reactors fleet, Team Teledyne can bring experience, insight, and ideas that demonstrate total command of the issues affecting plant safety as well as the importance of effective presentation, participation, and response to the NRC SI team.

## **Other areas include; but are not limited to:**

- Strategic Technology Assessments (e.g. SMRs, failure analyses tools)
- Leadership Assessment and Training
- Corrective Action Program Oversight and Advisory Services
- Plant Retirement Strategic Assessments