

# NWI NEWSLETTER

SPRING 2006

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## SPECIAL POINTS OF INTEREST:

- NWI Fundamentals Academy
- Throughput Assessment Center
- Instructor SRO
- NWI Service Information

## NWI LAUNCHES NEW COMPANY: NWI SERVICES, INC.

NWI Services, Inc. was formed in January, 2006 to supply high quality professionals for developing and providing turn-key training courses and staffing customer needs. The concept of turn-key projects is not new...but a developing need has been identified in the industry, especially in light of streamlined O&M budgeting and the new COL (combined operating license) industry initiatives emerging just over the horizon. This fledgling company has already performed turn-key courses in Operator Generic PWR Fundamentals and Instructor SRO Certification. So, for turn-key projects (see some of the descriptions in this newsletter) or staff augmentation, NWI Services, Inc. can support your needs with expert professionals bringing valuable experience and industry benchmarking data to your site!

## NWI FUNDAMENTALS ACADEMY

NWI's Fundamentals Academy is a training program that prepares new hires for entry-level positions at nuclear facilities. The Academy is held at an off-site learning campus and prepares candidates in the areas of generic fundamentals, basic nuclear systems such as 4-loop Westinghouse PWR and BWR-4 systems, General Employee Training, and leadership principles. Once the

candidate has the classroom instruction and successfully passes a battery of examinations, he or she can enter the site for OJT with minimal "delta" training conducted by site trainers. The client, who has a need to fill skilled vacancies can

"order up" from the pool of qualified candidates to fulfill their own resource needs, which are based on the facility 5-year staffing plans.

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**"COMMITTED  
TO  
EXCELLENCE!"**

## THROUGHPUT ASSESSMENT CENTER

The NWI Throughput Assessment Center is a program that applies a rigorous and objective performance analyses of potential licensed operator (ILT) candidates. This decision-making tool is designed using a three

phase approach;

- Fundamental Knowledge Spectrum
- Technical Knowledge Inter-relationships
- Task Prioritization (Multiple Priority Evaluation).

It is conducted as a 2 day assessment with a confidential candidate performance profile identifying the resultant testing outcome including recommendations for ILT class entry.

NWI has a

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## INSTRUCTOR SRO CERTIFICATION COURSE

The NWI 26-week Instructor SRO Certification course accentuates essential nuclear safety principles in producing competent production-based professionals. This distinctive skill set allows our graduates to properly function and excel within desired leadership roles in today's power plants. Our turn-key program provides the basic principles of operations with learning activities designed to facilitate and embody human performance fundamentals. Coupling theory and practical appli-

cations of day to day activities with emphasis on the principles of nuclear safety is the foundation of our results-oriented program.

NWI professionals are selected individually for each assignment based upon their expertise in the specified course scope. Instructors assigned to teach *Generic Fundamentals* are expert theoretical practitioners, while experienced operators are employed for the systems phase of the course. Our NWI simulator phase instructors are specialists in effectively helping

students integrate fundamentals and systems knowledge into applied nuclear power plant operations. Our niche-specified system allows us to effectively use our diverse training staff while ensuring that our clients receive the best possible product, making NWI the preferred provider for many clients throughout the nuclear industry.

The NWI Instructor SRO Certification course is designed to accommodate from 4 to 8 candidates

## NWI FUNDAMENTALS ACADEMY (CONT'D FROM PG 1)

Numerous advantages in using NWI's Fundamentals Academy include:

- High quality candidates are "ready now" for OJT
- Candidate failure risk is minimized
- A typical 90 day probationary period is eliminated
- Leadership skills for future client upper management progression provided from the start
- Fixed price training

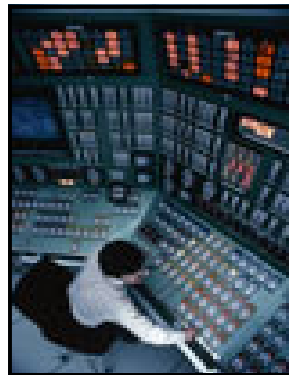
cost provided to you, the client

- NWI has a unique price break for clients based on specific student hiring numbers.

Key programmatic features result in a cost savings tool, without the high overhead of providing "basic" education to new hires. Find out more about this program from your NWI representative! Call today and start the cost savings in hiring new employees that now have that "frame of reference" you desire to

help your power plant workforce operate effectively. Save your company lots of resources at a fixed practical price structure.

Save your company lots of resources at a fixed practical price structure!



**THROUGHPUT ASSESSMENT CENTER (CONT'D FROM PG 1)**

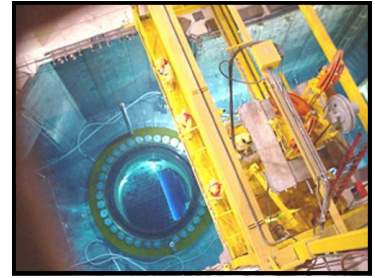
unique price break for clients based on specific student numbers and assessment location. Several advantages that this unique program offers includes:

- Removal of personal bias from final selection decision
- Program conducted at remote or central locations (client prefer-

- ence)
- Assessment yields significant client cost savings (exceptional success predictor)
- Program uses multiple prioritization skill evaluation
- Results in a fixed non-escalating contract price.

Key programmatic features result in a prediction tool that has a tech-

nologically and instructionally sound foundation. Inquire soon to find out more about this program from your NWI representative! Call today and start improving the successful throughput of your ILT candidates and save your company lots of resources at a fixed practical price structure.



Throughput Assessment helps quantify skills & aptitudes for future operators.



Key programmatic features result in a prediction tool that has a technologically and instructionally sound foundation.

**INSTRUCTOR SRO CERTIFICATION COURSE (CONT'D FROM PG 2)**

per session. The course structure is as follows:

- 2 weeks of Heat Transfer and Fluid Flow
- 2 weeks of Reactor Theory
- 2 weeks of Components
- 10 weeks of systems
- 10 weeks of Normal, Abnormal & Emergency Ops classroom and simulator

split operations

- 50-Question Generic Fundamentals Comprehensive Final Exam
- Sectional and Phase Final Exams
- Weekly/Daily Knowledge Assessments
- Startup Certification Exam
- SRO Certification Final Exam- Performance,

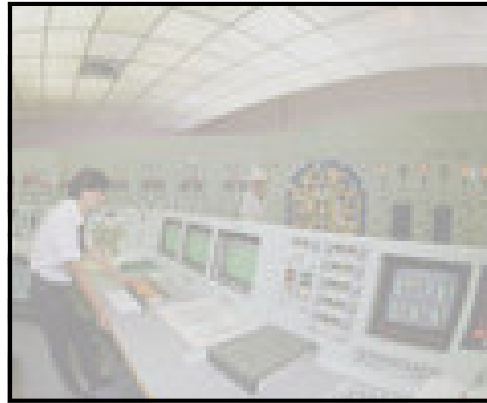
Static, and JPM

All phases will include Dynamic Learning Activities, professionally-prepared work books, and team building elements. Ask your NWI professional about our through-put warranty and unique payment strategy.

**NWI CONSULTING, LLC  
NWI SERVICES, INC.**

For more information, contact :

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## NWI PRODUCT AND SERVICE

**Training** Training and qualification can be particularly challenging with the new accreditation objectives, criteria, and new writing standards for Accreditation Self Evaluation Reports. NWI provides critical assessments as well as mock board design and implementation which leads to successful accreditation renewal. In addition, NWI can augment your training staff with experienced professionals, develop NRC ILT exams, conduct effective instructor simulator training as well as developing and conducting training in all of your principle disciplines.

**Performance Improvement** Whether it's root cause, effectiveness reviews, or equipment work management techniques, valve training, instrumentation and controls, and behavior improvement tools are just some of the products and areas of expertise that NWI delivers to obtain effective results.

**Human Performance** NWI has developed effective strategies and

tools such as Dynamic Learning Activities and Human Performance Checklists to help your workforce minimize errors on the job.

**Dry Cask Fuel Storage** Effective implementation of dry cask storage (e.g., spent fuel preparation, transport, and storage) is a critical challenge today. Let NWI's experienced professionals help you train your workforce for this critical work evolution.

**Operations** Whether its configuration control challenges, crew dynamics, simulator fidelity/realism or workforce standards issues, let NWI provide plausible strategies and tools to get results.

**Maintenance** Work management techniques, valve training, instrumentation and controls, and behavior improvement tools are just some of the products and areas of expertise that NWI delivers to obtain effective results.

**Radiation Protection/Chemistry/EP** Whether your challenges include

areas for improvement in source term controls, ALARA, post job critiques, shutdown chemistry strategies, e-plan submittals or workforce standard issues, NWI provides tools which will improve organizational performance in these areas and more.

...With competitive rates, NWI Consulting, LLC provides power plant and corporate services in numerous areas including training, operations, maintenance, radiation protection, chemistry and emergency preparedness. These areas as well as organizational development strategies and executive management effectiveness are just some of the broad expertise NWI retains. High value and results oriented, NWI Consulting, LLC has a broad portfolio of nationwide clients.



**ADDING VALUE TO  
YOUR BUSINESS!**

**We are on the web!**

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or [www.nwi-services.com](http://www.nwi-services.com)