

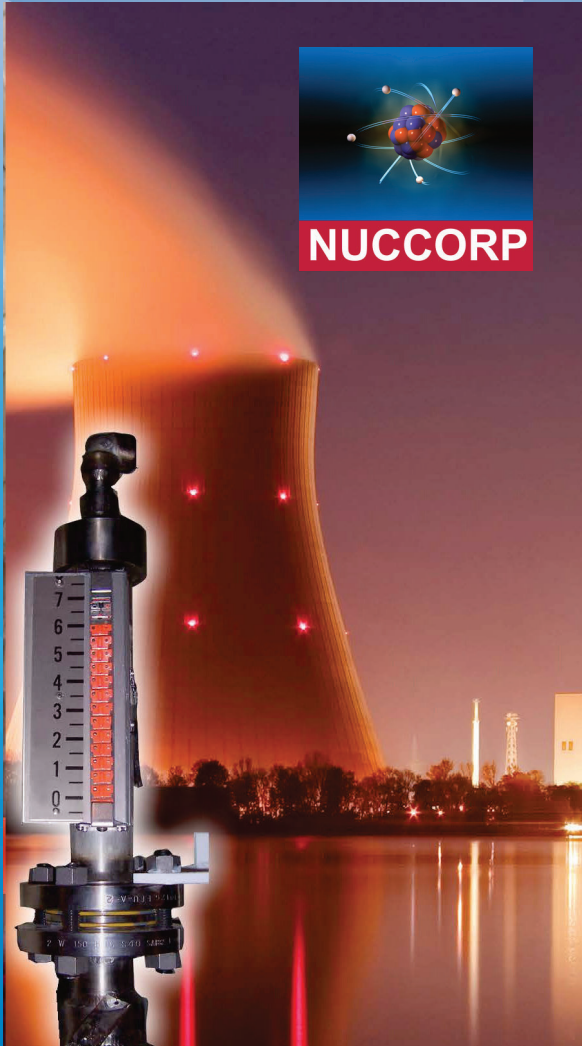


A typical NGAT-150 installation eliminates the need for ultrasonic testing. The goose-neck option allows for easy access to vent valve.

NUCCORP is ready to assist our clients with a variety of engineering related services including:

- Consulting - Mechanical, Nuclear, Air/Gas Intrusion Management
- Specification Development; Review
- Design Change Package Development
- Design Services
- Design Review
- Manufacturing and Delivery under our ASME NQA-1 and 10CFR-Appendix B Programs
- Project Management
- Technical Procurement

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Nuclear Grade Air Trap NGAT™



To obtain more information please visit us at:

NUCCORP, Inc.

140 Gibson Road
 Lexington, SC 29072
 USA

Tel: 803-356-0032
 Fax: 803-753-0174

www.nuccorp.com
info@nuccorp.com

Safety
 Innovation
 Service

NEI TIP Award Recipient

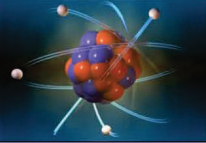
NUCCORP's NGAT™ Features and Benefits

The NGAT™ improves nuclear safety and helps meet NRC GL08-01 and SER 02-05 Gas Accumulation issues at your station.

The NGAT™

- Designed per Section III of the ASME Code and is fabricated from safety-related, ASME materials
- Provides a means for showing continuous, literal compliance with station Technical Specifications regarding ECCS Systems being "full"
- Allows for removal of air/gas before it has a chance to enter main safety-related piping
- Eliminates need for periodic, random venting by providing a continuous indication of air/gas
- Indication can be local, remote or both
- Eliminates labor and time-intensive UT inspections and promotes ALARA principles
- Air/gas can be removed without elevated platforms or scaffolding
- Simple and reliable passive design. No active components
- Design allows for easy retrofit of existing conventional vents
- Designed and built to each utility's needs on a per location basis
- Three years of flawless operation in the field with ZERO need for UT
- Built under Nuccorp's ASME NQA-1 program to ensure that the highest quality is achieved in each design and each unit

NUCCORP's NGAT™ Industry GL08-01 Solutions Comparison Matrix

 NUCCORP'S NGAT™ GL08-01 SOLUTIONS COMPARISON MATRIX	NGAT	UT	Standard Vents	Simplified Equation (UT Required)	Guided Wave	Permanent Mounted UT Devices	Large Gas Separator
Finds Voids	●	●		●	●	●	
Indicate Amount of Gas in Pipe	●	●		●	●	●	
Continuous Monitoring	●				◐	◐	
Accumulates Gas	●						●
Removes Gas Instantly & Prior to ECCS Actuation	●						
Provides Ability to Vent	●		●				●
Allows for Trending	●	●	●	●	●	●	
Ease of Technician Cross-Training	●		●				●
Remote Indication Option	●				●	●	
Remote Venting Option	●						
No Permanent Electrical Power Required	●	●	●	●			●
Supports ALARA Principles	●				●	●	●
NEI TIP Award Winner	●						
Total Solution	●						
Installation & Implementation Cost	MED	LOW	MED	LOW	HIGH	HIGH	HIGH
Ongoing Cost	LOW	HIGH	HIGH	HIGH	HIGH	LOW	LOW
Training Costs	LOW	HIGH	LOW	HIGH	HIGH	MED	LOW
Net Risk to Utility	LOW	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH

