



**DYNABOND**  
Powertech Service

**Our services for your HAF601  
Certification in the Chinese Nuclear  
Power Industry**

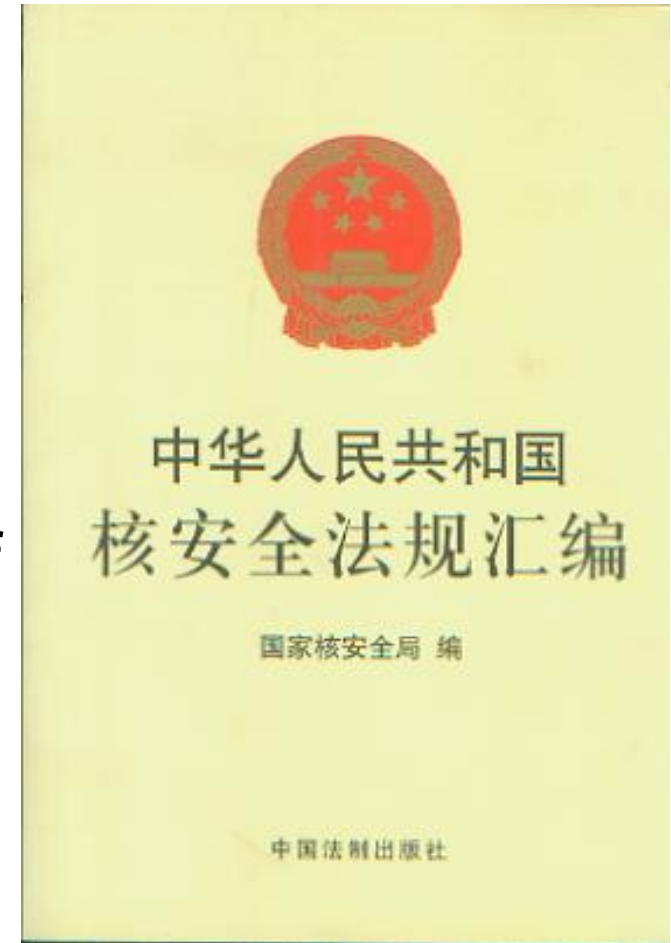
# Contents

- Requirements for the HAF601
- The Market
- Our Skills
- Our Advantages



# General Introduction

- Regulation on Imported Civilian Nuclear Safety-related Equipment (HAF601)
- Issued by NNSA (National Nuclear Safety Administration)
- Come into effect at the beginning of 2004



# First group of Equipment

- **Any Mechanic Equipment** must be already certified by a foreign safety entity



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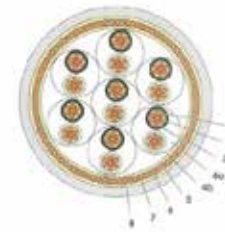
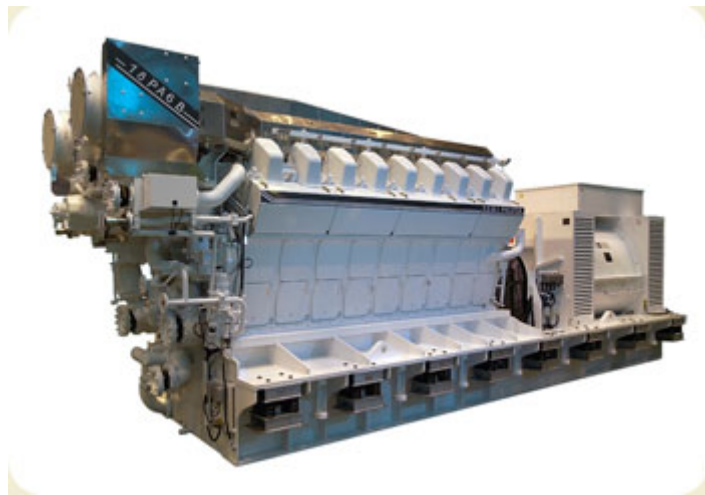
RCC 1,2, 3

ASME 1, 2, 3 Classified

Others (KTA, OTT...)

# Second group of Equipment

- **Any Electric Equipment** face different situation depending on the technology, i.e. EDG for EPR



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# Regulated activities

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Designing

Manufacturing

Installation\*

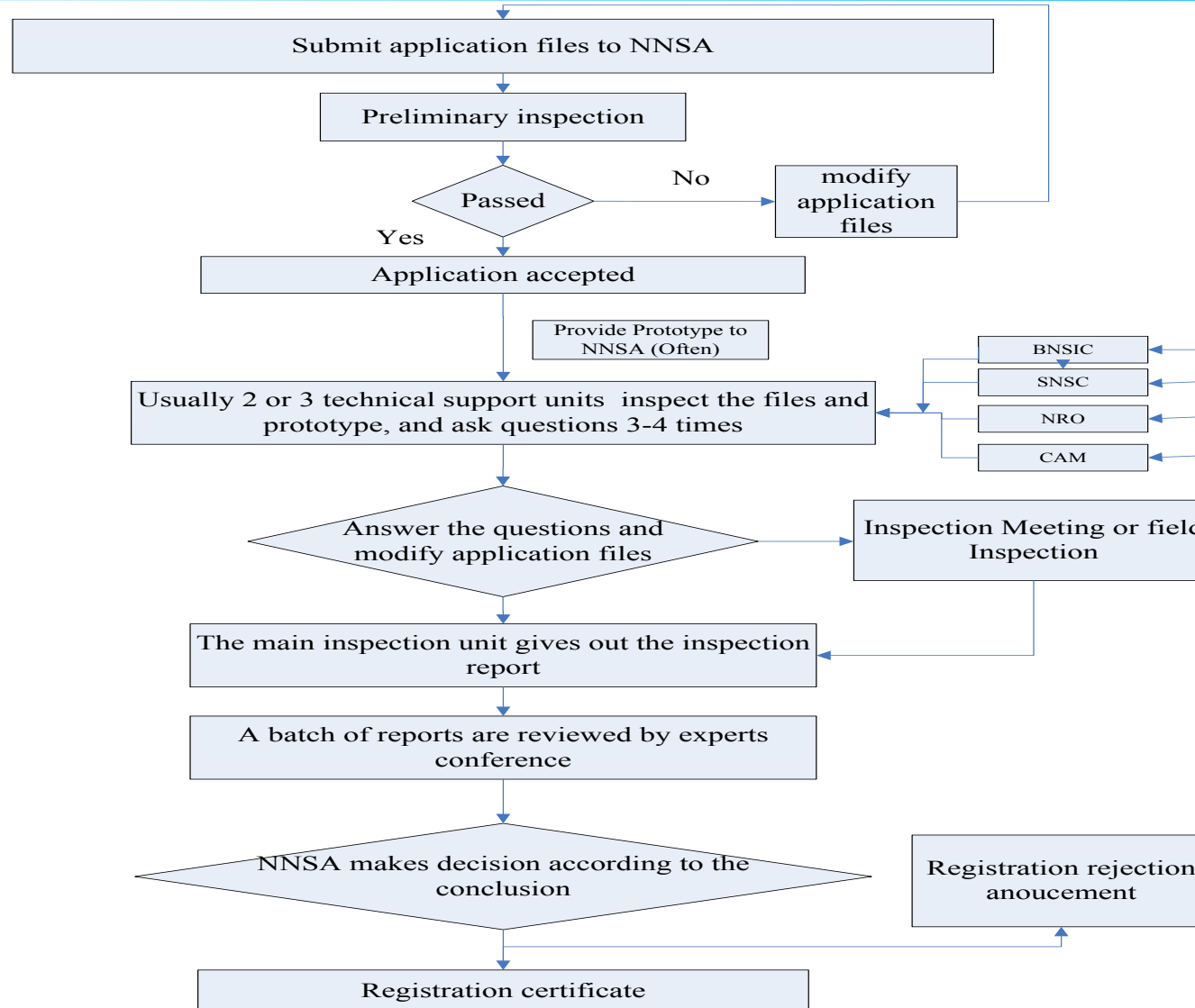
Non-Destructive Test\*\*

\*Not necessary if this task is executed by a Chinese Engineering company

\*\*Not necessary if it is part of the manufacturing process of the manufacturer.

# Procedure

A rejection of the registration is mostly due to amateurish application



# Required documents

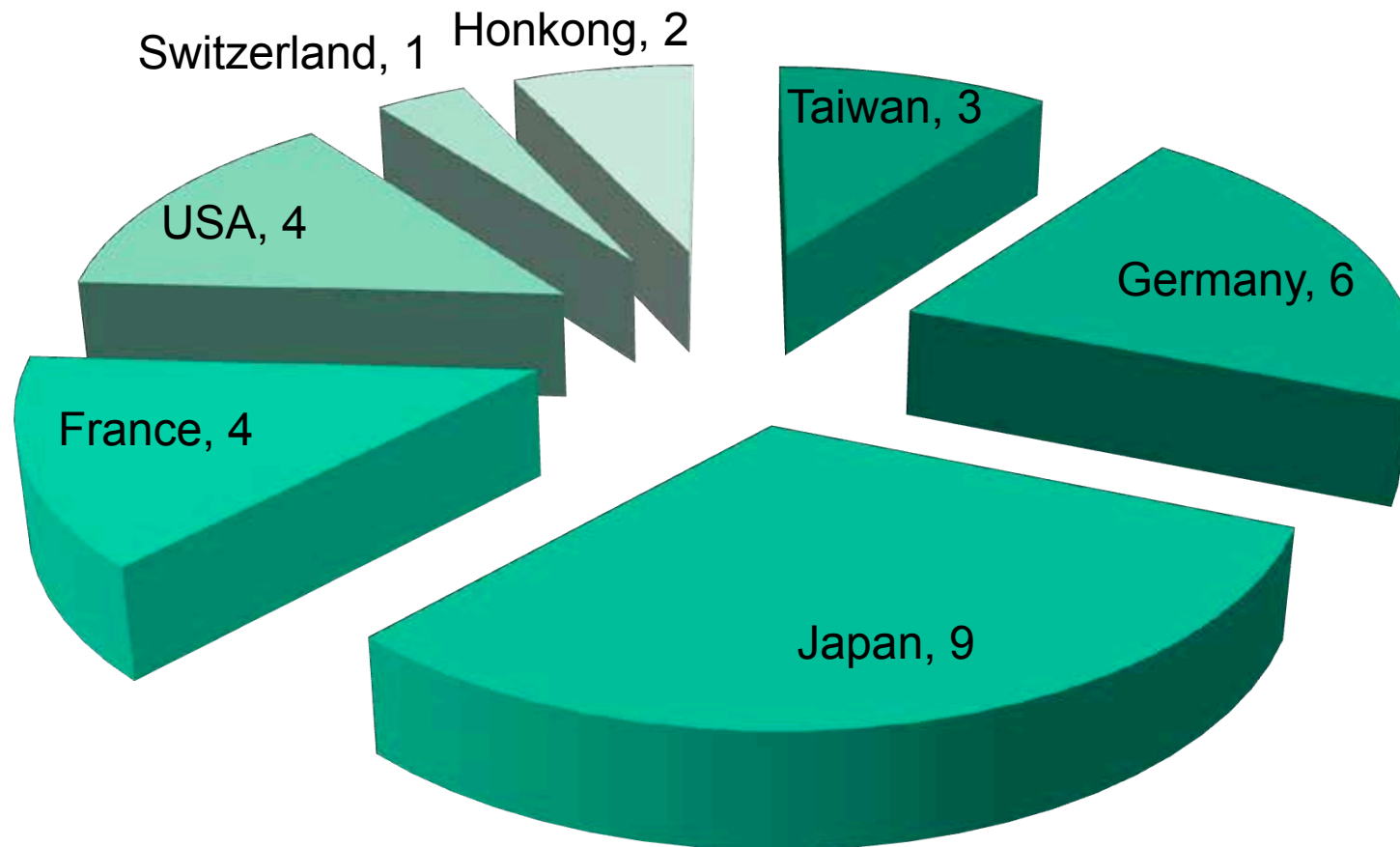
- 1) A registration application form;
- 2) Business License;
- 3) Certifications;



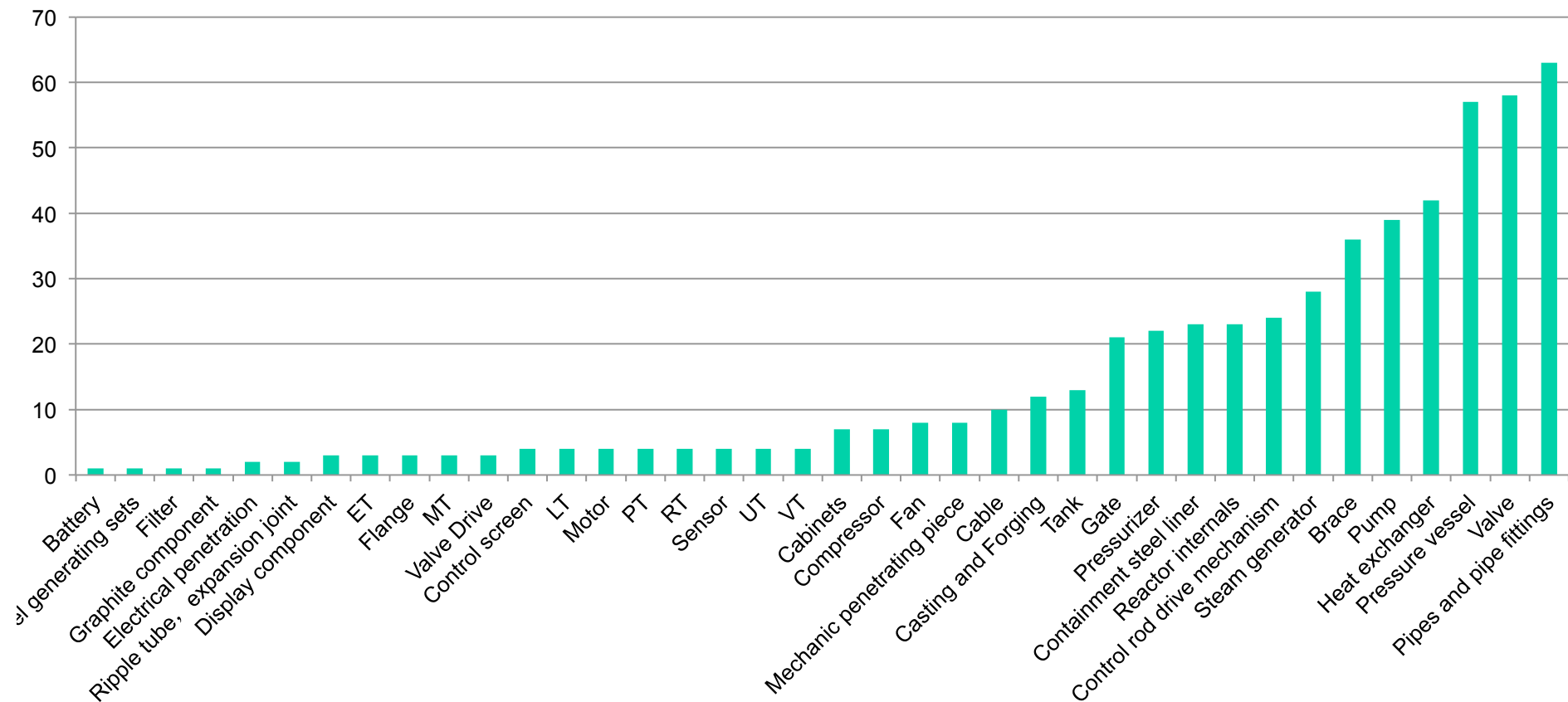
- 4) References;
- 5) Facility and staff profile; technology and standards used;
- 6) Quality Manual;
- 7) **Other documents.**



# Actual Foreign-related Registration

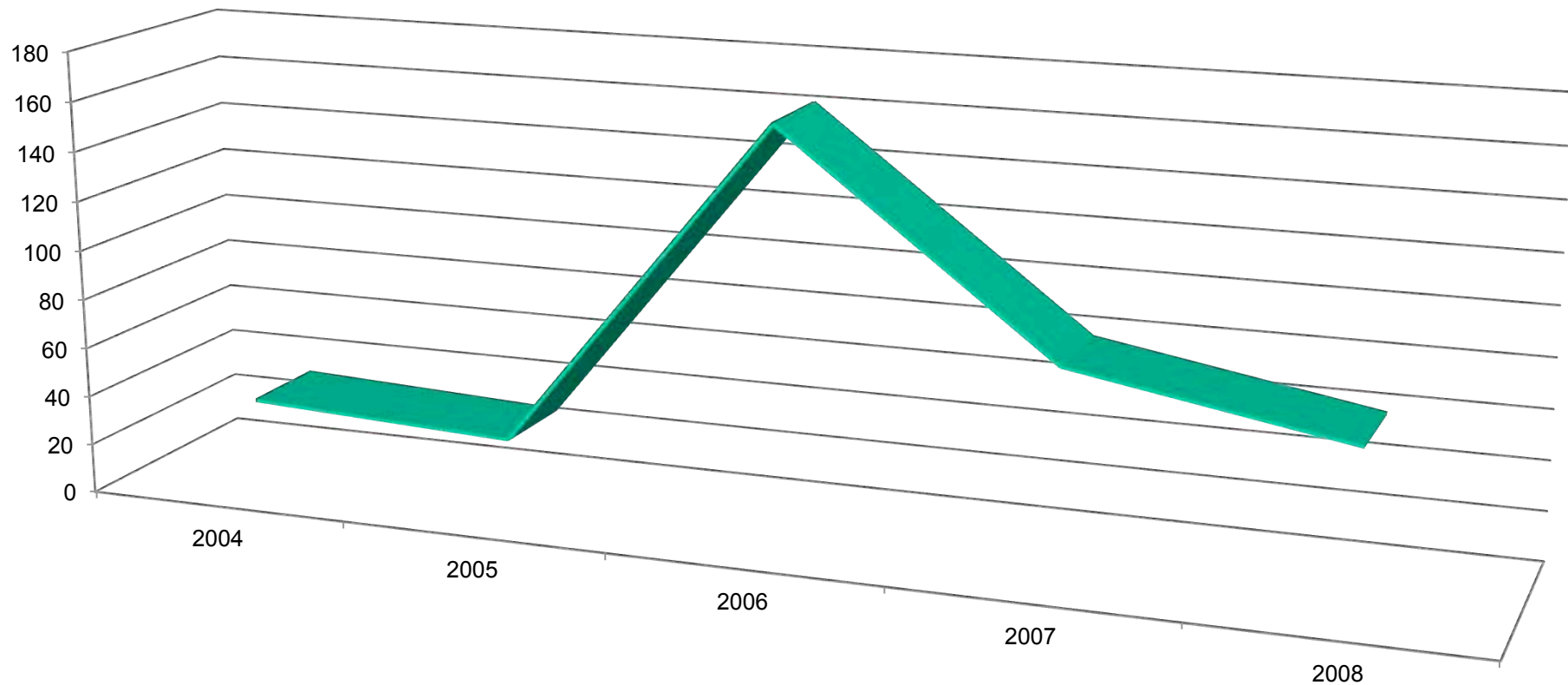


# Components registered in China



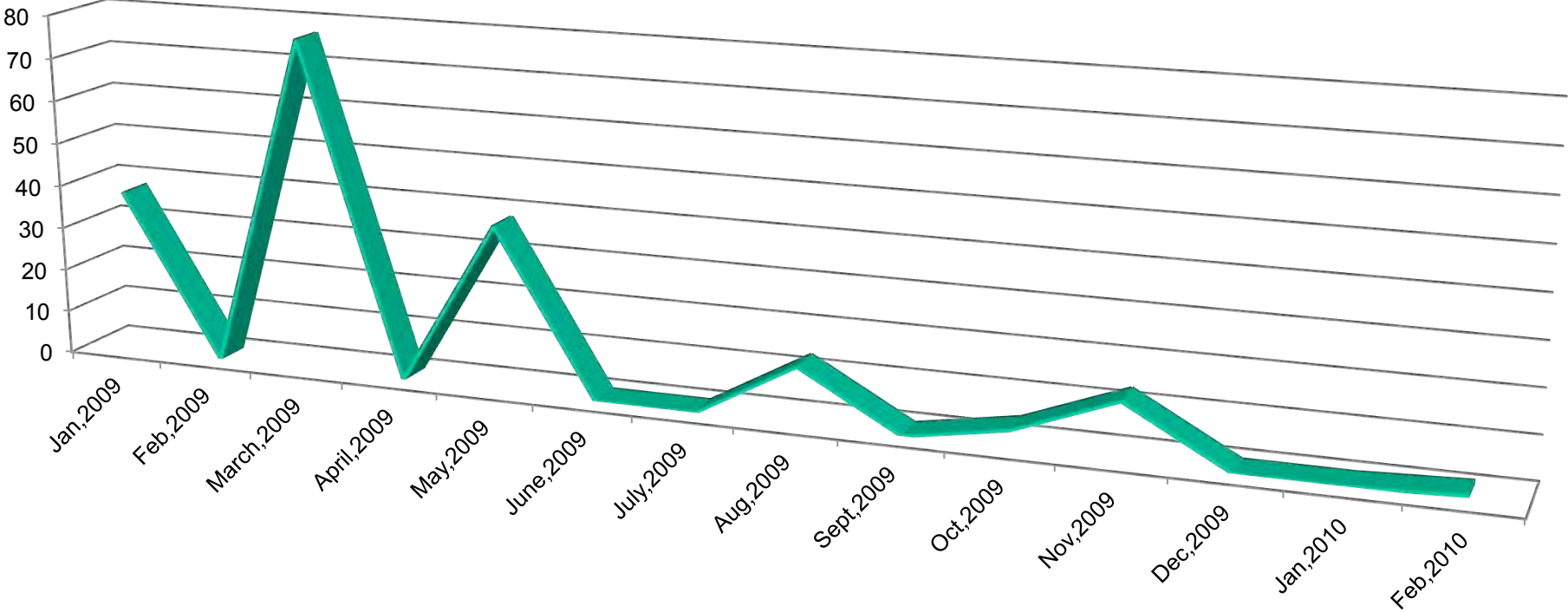
The Foreign Manufacturers face a tight market, only advanced technology is a key for late applicants

# Certificates issued



The number of certifications depends on NNSA strategy

# Certificates issued



# Our skills

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- Registration strategy planning;
- Translation in Chinese of every document;
- Adjustment of the application according to NNSA needs;
- Coordinating parties during the field inspection;
- Analysis and consulting of NNSA remarks during the application review process;
- Communication with regulators and technicians.

# Our Advantages

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- All-around knowledge about HAF 601 and other related regulations;
- Access to the latest regulations and enforcement and others “non official” requirements from NNSA;
- Personal qualification on nuclear engineering and related subjects.
- Strong communication through our panel of experts.

# Differences from HAF604

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- Firmer inspection during the whole process
- Multiple units participate in supporting NNSA
- Prototype and field inspection
- Technology transfer requirements in JV
- Longer time
- Further inspection after registration

# Contact

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