

# SNMtrac™

- SNMtrac™ is a complete SNM database management system
- Complies with the current NUREGs
- Performs all the necessary SNM update calculations including core isotopics, decay, fuel movement and new fuel receipts
- Produces reports per specifications in current D-24

# Standish uses SAMS to:

- Verify and validate file formatting during SNMtrac™ development
- Occasionally, to verify and validate files generated by SNMtrac™ for submission to NMMSS by our outsourcing customers
- SNMtrac™ customers do not use SAMS

# Standish assumes that:

- D-24 accurately transcribes the data per the NUREG
- NMMSS accepts files that conform to D-24
- If SAMS accepts a file, NMMSS will accept the file
- If SAMS rejects a file, NMMSS will reject the file.

# Using SAMS Version 4.1

Non Standard MMI

Some Examples:

- Open Files requires user to select drive and directory separately
- Close is inactive on outer window
- Minimize, maximize, close inactive on inner window
- 8 character file names

# Using SAMS Version 4.1

Non Standard default directory for opening files

- A:
- Buried in the NMMSS program directory
- Different for different file types
  - C:\Program Files\NMMSS\Safeguards Management Software (741)
  - C:\Program Files\NMMSS\Safeguards Management Software\NMMSS\FOXNET\SORT (742)
- Doesn't "remember" last directory

# Using SAMS Version 4.1

- Exits on errors with no useful information for user
- Example:

After doing the following actions

- Transactions/Procedures/Import... Example1.txt
- Edit check Raw (Data moved to Work)
- Edit check Work

“Error number : 1234

Error message: subscript out of bounds

...

Press any key to continue”

Exits

# Using SAMS Version 4.1

- Errors not consistent with NUREG
- Example:
  - NUREG/BR-0007, Rev 5 Instructions for 742C reporting under 10 CFR 74.13, field 8g should be left blank.
  - Error indicates the weight % isotope is incorrect.
  - Not tested with NMMSS system

# New SAMS

- MMI should conform to the Windows Standard
- Data files should default to the Documents and Settings folder
- Provide more user information in error message
- Consistent with D-24 and NMMSS which must be consistent with NUREG instructions

# Bottom Line

SAMS does not provide the necessary level of assurance that the SNMtrac™ outputs fully comply with the NMMSS/NUREG requirements