NuclearIQ® Version 1.0.2.7 Release Notes

The following items were addressed in NuclearIQ® Version 1.0.2.7.

Action Items

- Added site dropdown to action items form so action items are site specific.
- Added the ability to see inactive users in the ""assigned to"" drop down list."
- Corrected the issue of the Action Items form not sending emails as intended.

Analysis Definition

- Add Ability To Link Emails To Analysis Definition Screen Check For Less Than Check Box.
- Fixed the error that was caused when entering Limit into an Analysis Definition for the first time.
- Corrected the issue found when deleting an Analysis Result so that the In-line Data Transfer Test Name dropdown updates automatically.
- Create the ability to add a test comment to the OOS notification email.
- Corrected the issue that was reported by the client concerning losing the formatting of the limit value in the same format as the format set for the Analysis Definition.
- Corrected the issue of the QC Instrument limit screen reopening after first attempting to close.
- Corrected the issue of ''Check Value for Less Than' causes all values to receive the Warning Message
- Corrected the issue that caused an error message to appear when taking an analysis from Deactivated to Activated.
- Corrected the issue that causes the Analysis Definition Test Name defaulting to top of list after saving.
- Corrected the Windows 7 issue that showed when a test name clears after SAVE on Analysis Definition screen

Analysis Library

- Added Delete/Update Message to the Analysis Library form.
- Corrected the issue of a new Analysis Name and Description not appearing if the columns have been filtered.
- Fixed the error message that showed when adding duplicate system analysis.
- Fixed the issue of not being able to Rename Analysis when multiple systems are selected.

Anomaly Report Module

- Modified the Anomaly Report Print function to allow the user to define which report will be used.
- Corrected the following issues found within the anomaly report.
    - The print button should only print the ones that are selected, or if nothing selected, print the highlighted one
    - Modified form for all closed out items have a supervisor selected, even if the user name is deactivated
    - Modified the delete button so it is properly controlled by security and form rules
- Corrected the error found in the Message Anomaly Report showing the UnitID versus UnitNumber.

Application Change

- Plus button has been modified to show "stop" sign when an action is being done. This function will allow users to stop and disregard any new additions prior to saving.
- Modified the application to show a better error message when an attempt is made to load the application in the wrong version of windows.
- Modified the "Unit" dropdown box at the top of the Nuclear IQ screen needs to be a 2 part dropdown the shows both the Unit Number and Unit Description.
- Fixed the issue of the grid not loading when the Transaction Log or Incomplete Items Comments forms are opened.
- Added a form to the Admin\Reference Tables menu to ReMap Analysis Name, the form has the following;
    - Two dropdowns for original and desired analysis names. Analysis names in "original" dropdown includes all analysis names within sites that the user has write access to, while "desired" dropdown contains all analysis names.
    - When the original analysis name is selected, the grid is populate with site/unit/system info which the user has write access to.
    - The user will select which systems to change.
    - Upon clicking on the save button, the analyses with selected systems/analysis names are changed to desired analysis name.
    - Only the administrators can see the menu item
- Corrected the issue of the first letter in calculation filenames being cut off when copying to local machine.
- Modified the application so that the Deactivated Limit Names do not show in the Limits Matrix or in the Evaluation Routine.
- Modified the application to show a Global Change pop-up warnings when a user tries to change a Global Library.
- Updated the application to show the NuclearIQ And GCR Graphic on the Login Screen
- Modified the application to add a mode independent entry to the Plant Condition table when a new site is added.
- Corrected the application so that it doesn't get confused when there are 2 users with same login name but different cases.

- Modified the application to allow adding a link to a reference document when exceeding limits.

Batch Scheduler

- Corrected the issue found within the Batch Scheduler so that when a user disables a batch, then selects another batch, the box re-enables if that batch is also deactivated.
- Corrected the issue found of a pop-up box appearing after selecting from 'Description' dropdown menu.
- Updated the application so that when a batch schedule is initialize, the application is minimized to task bar.
- Corrected the error found when creating a new Batch Schedule.

CAG

- Added a vertical scroll bar so users can see a complete view of the warning window of CAG.
- Corrected the issue of the CAGs not highlighted in grey when they exist on the Limits matrix.

Chemical Inventory Module

- Modified error messages so they are more user friendly.
- Chemical Inventory Form
  o Added colors to grid; pink means the items are within the limits, red means expired or completely out.
  o Disabled the ability to click in the "Open" column within the chemical inventory grid.
  o Modified the fields that are required to show in a colored text.
- Expiring Chemicals Form
  o Modified label on the form to say "Print Min Quality Report". "
- Updated consumable inventory form to make it function similarly to chemical inventory

Combination Plot Manager

- Made Plot Groups site-specific so that different sites can use the same plot group names
- Fixed the issue of the trend plot dropdown list populating with all plots when a new plot is added to a group.
- Corrected the issue reported by a user when deleting a plot the drop down list doesn't get refreshed until you exit the form and go back to the plot combo manager.
- Corrected the following Trend Plot Issues
  o The inputs into the plot combination manager are much fussier than what WinCDMS was.
  o When you deselect annotations (they go away), but when you go to print they re-appear.
- Fixed the issue where the plot name in the dropdown list does not refresh when a selection is changed.
- Modified the display plot form so that when a user clicks on the Test Input button the app will go to test input page with the corresponding cell selected.
- Corrected the issue of Annotation in plots with multiple data series not showing.

- Corrected the issue of the plot name not being filtered in Display Plot Form for a user whose default site is the last site in the site list.
- Modify the available Plots list. Initially only show plots from the users Home site, add a Show All Plots checkbox above the Available Plots grid to permit a user to see all defined plots in the database.
- Corrected the issue that was reported by the client concerning receiving an "Object reference not set to an instance of an object" error while attempting to delete a "test" plot group.

GeoData Map

- Defaulted show marker to unchecked on GeoData map
- Added ability to have multiple sample points at the sample location, latitude and longitude, on the GeoData map
- Modified application to allow GeoData map to display systems based on system type
- Add a site based Admin Setting to allow identifying a Proxy server for GeoData
- Corrected the Windows 7 issue of the GeoData Map points not showing sample status correctly.

In-Line Data Transfer

- Fixed the issue causing the error when attempting to transfer in-line data.
- Corrected the InvalidArgument=Value of '1' is not valid for 'index'.Parameter name: index error when transferring in-line data.

Instrument Logbook Module

- Create Instrument Calibration And Tracking Functionality
- Instrument Logbook Security Settings
- Instrument Logbook Automatic Entries and Notification adjustments.

Lab Notebook

- Fixed several issues associated with the attach Image/Document within the Lab Notebook.
    - When the Attach Image box is clicked you cannot attach a PDF file.
    - If an ' is used in the 'Image Listing' box an error message appears. (i.e. "JT and Mark's brother") Error message "Incorrect syntax near 's'. Unclosed quotation mark after character string ',4)'."
    - When image is saved, the date of 12/4/2001 08:46:00am appears at the top of the screen.
    - After an image is saved and the window is closed, the Lab Notebook Documents window does not update. If the window is closed and reopened, the new attachment does not appear on the list.
    - When the Add button is click on the Lab Notebook Document screen, you cannot save the Document title and Description. When the save button is clicked a popup window states "Select a document to save". If you click the attach image button and save an image the message still appears when the save button is clicked on the Lab Notebook Document screen.
- Added ability to attach documents to lab notebook entries

- Added ability to categorize lab notebook items within a group

LabStats Module

- Filtered the Deactivated Analysis so they are not shown on the LabStats Mapping form.

Limits Matrix Form

- Corrected the issue of all limits being delete when attempting to delete a single limit set.
- Corrected the issue of the application allowing techs to add and save new limits when I click the Limits button within test input even though the Normal Analysis limits are set to Read Only for Techs.
- Corrected the issue of not being able to clear the Corrective Action Guideline (CAG) hyperlink after being set to a document.

Login Screen

- Corrected the issue of the active schedule warnings slowing down the user login time.
- Corrected the error found when attempting to add a login banner message.

Method Definition

- Test stand should be OOService if "OOS on QC Failure" is set to true in Method Definition form.
- Correct the issue where deletion of new line in Method Definition form before save is initiated caused Error Message.

Mobile App Setup

- Corrected the error message associated with Deleting All groups on Mobile App setup screen
- Corrected the error found when deleting a Mobile Analysis Group.
- Updated the application so that the Analysis order within the Mobile App Chemistry Summary sheet is user defined.

Multiparser

- Modified the Multiparser to allow Plant Mode and Sampler to be set from Script.

Plant Conditions

- Add ability to deactivate Plant Conditions
- Modified the application to 'wrap' the text in the description field so the user can see the whole description.

Query Analysis Value

- Modified the Analysis Value Query form so that the username defaults to the user that is currently logged into the application.
- Modified the Analysis Value Query form to allow editing the order after the initial save operation.

Reports Module

- Quick Report With Six Columns Set To Show Landscape Cuts Off Fields
- Corrected the issue of the Report Table Dropdown list not populating correctly when the first row is entered into the grid.
- Corrected the error found when attempting to print a report
- Corrected the issue of the quick report not being able to run against the Analysis Information table.
- Modified the application to allow editing of an existing report name.
- Corrected the issue of the License Banner Showing On Active Reports Run Time Designer.

Schedule Module

- Improved error messages in scheduler so they are more user friendly.
- Added a checkbox in review schedule form to allow filtering carry over items based on the available system types in the schedule.
- Updated the application so that when closing a schedule, it send emails to Schedule Missed user/group specified in Analysis Definition.
- Updated the application to allow the omit reason to be saved, even if the requirement has data and has been satisfied.
- Corrected the issue reported by a user when "Carry Over Items" are being printed with a schedule even when I click to hide carry over items.
- Corrected the issue of the Analysis Date/Time showing earlier than Sample Date/Time in Schedule Input Screen.
- Corrected the issue of the Drag and Copy date/time feature allowing date/times in the future.
- Corrected the error that was found when creating monthly/quarterly schedules.
- Modified the scheduler to not allow scheduling items for deactivated systems.
- Updated the time parameters for Rolling Frequencies to not include seconds.
- Corrected the issue of Default values for schedule requirements not saving when changing from fixed to rolling, or vice versa.
- Corrected the error "No row at position 0" found in Requirement Manager.
- Corrected the issue of the Batch Scheduling and Requirement Scheduling not working for hourly requirements.
- Corrected the error found in requirement manager "NNumberOfDays does not get saved correctly".
- Modified Schedule Review form to include the following drag and drop features;
    - Sample Date/Time: The drop and drag feature allows the user to drop and drag just the Sample Date/Time column and populate only that column. When performing the drop and drag, only the Sample Date/Time column should highlight so the user knows that the information for that column will be copied. The user will then enter different Analysis Date/Times for the individual analysis.
    - Analysis Date/Time: The drop and drag feature allows the user to drop and drag the Analysis Date/Time column and that would highlight both the Sample Date/Time & Analysis Date/Time columns. This will populate the Sample Date/Time and Analysis

Date/Time the way the current schedule does. This way the user can use the same Sample and Analysis Date/Times for all analysis.

- Corrected the user reported issue when generating a schedule, the Requirement Mark Adjust box color codes green to notify the user that the Schedule Time can be adjusted at time of schedule generation. Some items on the schedule review screen have a green box but cause a warning message of 'You do not have authorization to adjust the mark for this requirement' to appear when clicked. The cause is due to the 'Allow Tech Mark Adjust' box being marked when the 'Floating Fixed' box is not marked. The 'Allow Tech Mark Adjust' box only becomes active when the 'Floating Fixed' box is marked. If the 'Allow Tech Mark Adjust' box is checked and then the 'Floating Fixed' box is unchecked, the Requirement Mark Adjust box will color code green on the schedule review screen but not allow for adjusting the Mark. This was corrected so that if the 'Floating Fixed' check box is unchecked, the check box next to 'Allow Tech Mark Adjust' is defaulted to unchecked.
- Corrected the nuisance error that occurred when trying to load the Schedule Manager in version 1.0.2.6.
- Corrected the error found in the Shift Manager form, if no shifts exists for that site.

Security Module

- Added option to allow the ability to hide the "Hide Carry Over Items" checkbox from Technicians forcing them to print schedules with carry over items.
- Modified the admin settings so they are retrieved correctly when a user is set to write access for multiple sites.
- Added two new options to support new mobile app updates; AllowAddMobileSystemsAndAnalysis And AllowViewUnvalidatedData.
- Modified the application so that it holds the Filter Options on User Site Security form.

Support Email

- Modified the Support email function to include filenames and line numbers of source code when error occurs.

System Characteristics

- Corrected the issue of the save button remaining deactivated when an analysis is added to the system.
- Resolved error found while attempting to deactivate an assigned analysis as well as the behavior of not able to move an assigned ordinal position and deactivate an analysis at the same time.
- Updated the application so that any inactive analysis are able to be moved to reset their ordinal position.
- Updated the application so that the System Name combo box is cleared/initialized in System Characteristics.
- Fixed the error message associated with Add/Delete of analysis to System Characteristics screen.

Test Input Module

- Created a new Right Click Menu On Test Input - "Enter/Select QC Input Information" pop up a form that has the following updates:
    - Add a pick list showing up to the last 10 QC date times for the QC to which the analysis is tied that were performed using the default method.
    - If a QC with a date time meets the requirement based on now, select that QC input as the default.
    - Add a date time picker, defaulted to now, to allow the user to enter a date time.
    - Use this date time to check to see if there is a QC entry that meets the QC requirement for the analysis. Display that QC information read only on the QC portion of the data entry form.
    - If no QC meets the requirements based on the date and time entered, default the QC date time to the date time entered. QC portion of the data entry form is enabled.
    - Add a combo box to allow user to select a method.
    - Repopulate the QC pick list showing up to the last 10 QC datetimes for the QC to which the analysis is tied that were performed using the selected method.
    - If a QC with a date time meets the requirement based on now, select that QC input as the default."
- Modified right click menu to show both preQC and postQC when both are required.
- Changing Method on Right-Click Menu will refresh the entire form including QC portion of form
- Modified form to prevent the dropdown from showing when combo box is set to "read only"
- Corrected an error that appeared when showing "Unvalidated Data Only" when no data is found in the range specified.
- Added error trapping for deadlock process when pulling PI data
- Fixed the issue of allowing users to type in a random number after a QC value is evaluated as SAT.
- Modified the application so the right click menu does not hold on to the Enter Sample and Test Information, after a value is entered for a QC instrument so the QC evaluation is not bypassed.
- Corrected the issue that caused an error message when a user performed a single cell calculation.
- Corrected the issue of the calculation review screen not showing the correct data.
- Fixed the issue of notifications not being sent when an Analysis is set to 'Notify on OOS' and a OOS result is entered into the column.
- Corrected the issue of an error occurring while attempting to attach an image to a sample.
- Addressed the issue of an Incorrect Sample Date/Time entered on sample creation causes a default date to populate field
- Corrected cause of Test Input for 'Force Input from List' showing item selected but results in error message
- Corrected the issue of the Plant Condition Drop Down not populating correctly when adding or editing a sample.
- Corrected the issue of the sample plant mode defaulting back to the current plant mode when editing a sample.

- Corrected the error "No Row at Position 0" found when attempting to pull custom trend plot in place of quick trend.
- Updated the application to show a Red Triangle within the input test form and schedule review form when Documents or Images Are Attached.
- Corrected the error message found when changing size of attached image and rotating.
- Corrected the issue reported by a client of not getting a warning flag when I type in a number that is out of spec for "CEI" or "Admin Limit".
- Corrected the issue of the date range holding, even when a user unchecks "Dates" and clicks reload.
- Corrected the issue found with using the 'Unvalidated Only' check box on an empty data row / Initial Grid load does not allow right to Validate Range.
- Modified the application to Show Sample Location on Test Input Grid to be site specific.
- Corrected the error found while attempting to delete (remove) the annotation above.
- Modified the application so that QC validation comparison perform against AnalysisDateTime and not SampleDateTime.
- Modified the System Type dropdown so it shows only the types used for the associated site.

Transaction Log

- Modified the application to create a Transaction Log Entry when a user deletes Transaction Log Entries.
- Modified the application to let the Transaction Log Start date adjust from End Date and Custom Setting.
- Modified the Transaction Log grid to wrap text and expand to make the information more readable.

Transfer Gamma Spec

- Modified the application to transfer the next item when an error occurs, instead of stopping.
- Modified the application to always bypass both missing and inactive test results when transferring results.