

NuclearIQ® Version 1.0.2.6 Release Notes

The following items were addressed in NuclearIQ® Version 1.0.2.6.

Admin

- System Characteristics form - Added Drag and Drop capability to the Assigned Analysis list.
- Analysis ReMap – Handled error thrown when selecting the Source information.
- Method Definitions – Filtering method list to Methods for the user’s Home site, and ordering list boxes alphabetically to make it easier to locate a specific entry.
- Method Definitions – Modified behavior that had Method Definition form open behind the NuclearIQ® form to now open in front of NuclearIQ® form.

Chemical Inventory

- Added the ability to print Barcode or QR code labels.
- Adjusted the code to only show the Expired Chemical warning based upon the option setting for “Show Expired Chemical Warning”.
- Handle the issue of the Receiving Date not displaying after the save event.

Chemistry Test Input

- Enabled access to the Analysis Comment field when using the Edit Test Information form.
- When using the Edit Sample and Test Information form, handled the condition that resulted in a duplicate row being temporarily displayed on the Test Input grid.
- Modified the Chemistry Test Input grid to allow a larger MAX number of active analyses to be displayed. New maximum number of analysis approximately 210.
- Closed security hole that allowed Technicians with read only access to add new QC limits when accessing the form from the Chemistry Test Input form.
- Restricted the ability to enter a space or single character in the Out Of Specification message form and have that satisfy the requirement. Message must be greater than 1 character in length to be acceptable.
- Modified the code to recognize the Method setting for Valid QC Required to permit data entry without entering the QC if allowed by the Method.
- Reworked the code to set the default unit to load the System Tree list when the form is initially opened.
- For multi-unit sites, setting the Unit list box on the menu bar to the users default unit.
- Modified the behavior of the Unvalidated Only checkbox to require a date range and System Type to be selected before the checkbox is enabled.
- Corrected an issue in the stored procedure to recognize the defined Ordinal Position for column arrangement on the Test Input form.
- Addressed the behavior where after entering a sample date and time prior to now, the Input Test Information could load with the current system date and time in all Date/Time fields on the displayed form.

- Handled issues associated with the Attach Image/Attach Document routine for sample entry.
- Handled an issue associated with the Input Sample Information form where selecting the calendar control would select the day but occasionally not the month entered in the Sampled On field.

General Application

- Corrected the code to allow the deletion of Transaction Log entries.
- Added the plant Unit Description to the CustomReporting.ValueTbl view.
- Added reporting views for Plant Conditions and Incomplete Schedule Items to support reporting needs.
- Handled logout error that occurred when timeout occurs and Report Designer is open.
- Enabled the scroll function for list boxes once user has clicked in that control or grid.
- Modified the behavior of Unit list boxes to always exclude deactivated units.

GeoData

- Added the ability to toggle on and off the sample point labels.
- Expanded the zoom in feature to display as close as the mapping servers are capable.
- Work in version 1.0.2.7 to help differentiate when two point are close to each other.

In-Line Data Transfer

- Modified data transfer code to ensure values are deleted after transfer.
- Min/Max/Avg radio buttons are disabled anytime a non-consecutive group of values is selected.
- When using Min/Max/Avg radio buttons for transfer include start and end times in analysis memo.

Message forms

- Anomaly Reports – Modified the form to exhibit the behaviors more consistent with the original WinCDMS version.
- Night Orders – Modified the routine to recognize the site value displayed in the Sites List box to ensure the Night Order entry is assigned to the appropriate site thereby allowing users to edit the information.
- Night Orders – Addressed the code issue which prevented sending emails from the Night Orders form.
- Night Orders –Corrected the issue associated with the filtering of Night Orders using the Active Only checkbox.
- Action Items – Handled error generated when saving Action Item information without first clicking the Add button. This only occurs in an empty table otherwise the user is editing the first entry. Version 1.0.2.7 will convert Action Items into site specific selections.

Options

- Added the ability to save the report server connection string in an encrypted condition.
- Made the following Option items site specific
 - **Activate Login Timeout Feature**
 - **Logout Timer Minutes**
 - **Hide Default Value On Analysis Definitions**
 - **Warning When Plus Window = 0 in Minutes**
 - **Upper Limit Label Caption**
 - **Lower Limit Label Caption**
 - **Require Test Input From Test Input Page Only**
 - **Allow Cross Analyst Input**
 - **Percentage of Plus Window**
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Plotting

- Handle the client identified issue where creating a new plot and clicking to display plot and save would not transfer the new plot information to the Display Plots form. Save occurred correctly.
- Handled the condition that resulted in duplicate plot names showing the all plots list due to a plot being a member to multiple plot groups.
- Added an information message to inform the user that a Plot Group name has already been used when attempting to save a new Plot Group.
- Corrected the issue that did not save changes to the Desk Color setting for existing plots.
- Turned off the 3D option for the Plot Legend which was coded on by default.
- Adjusted the form layout to prevent the “Zoom Out”, Print, and Annotate controls from being overwritten by the scroll bar when a user zooms into an area on a trend plot.
- Added the ability to edit the names of existing plots.

QC – Chemistry Test Input

- Corrected an issue that resulted in an error when entering an Out of Specification QC results and connected to LabStats.
- Adjusted the QC Plot display to correctly show limits as defined for
 - calculated 1, 2, and 3 SD
 - Limit values are applied to either the mean or QC standard as defined in the limit definition
 - When Plot RSD is checked Center of Graph is zero to +4 and -4. Show lines at +1,+2,+3,-1,-2,-3. Plot graph as it is now. When user selects a point show SampleDateTime, AnalysisValue, and in parenthesis the (RSD) field value
 - When plotting RSD changed axis label to RSD
 - When placing an annotation on a QC plot, adjusted the code to ensure the annotation points at the associated data point
- Handled issue with QC results showing multiple times when multiples limit sets exist for the QC Analysis Definition. Now only show for the limit set in place at the time of the QC entry.

- Changed the behavior of the form to make the field text color separate more from the background for Read-Only cells.
- Using site filters on the QC Input form that restricts Sample Locations, and Analyst entries to just those values applicable to that site.
- Changed pre-QC/post-QC text to blue "Needed" if pre-QC/post-QC result does not exist but not required, and to red "Required" if "Valid QC Required" is checked on Method Definition.
- Corrected an exception thrown when the QC test was the first test in the grid and the user clicked the "Limits Exist" button.

Query Analysis Values

- Modified the Query Owner list box values to show a complete list of query owners when selecting the "Show Queries From All Sites" checkbox.

Reports

- Added functionality to permit Reports to be site specific and initially filtering reports by user's home site.
- Handled the condition where clicking the save button immediately after opening the screen caused an error because report description is null.
- Handled the error generated when attempting to move row up or down within the criteria grid.
- Handled the application crash that occurred when clicking the Show SQL button on a quick report.
- Adjusted the quick report routine to only include each distinct field in the criteria grid once on the displayed report.
- Modified the Report Criteria grid to allow the criteria field to hold up to 1000 characters and to wrap the text to increase readability.
- Modified the Report Criteria grid to allow the criteria field to accept functions associated with date selections such as DATEADD(dd, -7, GETDATE()).
- Modified the File menu on the Report Viewer to hide the Show Designer option unless user has been granted Report Writer Admin privilege.
- Corrected the issue of Hide from user not working for the first line in the grid.
- Adjusted the form behavior to allow Create Report File and Show Designer option to be regardless of group membership when Report Writer Admin is checked on the User Security form.

Schedules

- Added ScheduledDateTime column to the Schedule Review Options form.
- Color coded Unit/System/Analysis columns for requirements in Schedule Manager when the requirement is associated with a deactivated item.
- Corrected the situation where a new Rolling Requirement would not show on a schedule if an analysis result has never entered.
- Corrected grid issue that prevented a user from setting the Tech Omit checkbox when only one requirement is displayed.
- Modified the code to schedule a linked requirement the set number of days after the parent requirement is completed.

- Corrected the issue that allowed users to utilize the right click menu option to add analysis results on the schedule review form even when “Require Test Input from Test Input Page Only” option is set to true.
- Reworked scheduling procedure to properly display Monthly, Quarterly, and Annual requirements.
- Added a Security item to allow Administrators to permit users to omit any item on a schedule instead of only those items marked for Technicians to omit.
- Modified the schedule print procedure to include the high and low limit values for requirements regardless of the presence of Carry Over items.
- Adjusted behavior for Omitted Items to save and redisplay for all openings and closings of an active schedule.
- Corrected the behavior where omitted items were saved to Carry Over and redisplayed on later schedules.
- Handled condition that required users to modify something in addition to the Rolling Frequency to place the requirement in edit mode.