

## NuclearIQ\_v1.3.0.0 Release Notes

### *Issues Resolved within NuclearIQ*

ID	Title
25852	Corrected the issue with the Batch Scheduler not allow the ability to generate schedules.
29589	Corrected the issue of the 'Check Requirement' form displaying an error when a schedule requirement has a fixed frequency that is set to 'Hourly'.
32465	Corrected the issue of the n-Number of points message showing a wrong message when the number of points is exceeded. When the flag is set to 6, and 6 points have been entered, the message reads "More than 6 points have been within one sigma". The message should read "6 consecutive points have been within one sigma"
32505	Corrected the issue of the application allowing a user to type in any fields without clicking the add button within the 'Lab Notebook' form.
33786	Resolved the issue of the 'Input Test & Schedule Review' data evaluation methods not recognizing or warning users about non-numeric entries.
33919	Resolved an issue of slow performance when opening the 'Limits' form when a site has many limits and associated plant condition subs.
34339	Resolved the issue found on the schedule so that when a date/time is entered into the Sample Date/Time field, the right click menu is enabled and allows the user to perform a calculations and has the ability to click in the Value field and hit enter to calculate.
34394	Resolved the issue of the Chemical Inventory form throwing an error when the field 'Cabinet' was left blank. This was because the field was not marked as being required when it should have been.
34447	Resolved the issue of the number of points within a text box not repositioning correctly when the Query Form is resized.
34668	Resolved the issue of the 'Create Annotation' check box function not working correctly for Sample Comments.
34879	Resolved the issue of the 'Chart Date Range' function on the Right Click Menu not working correctly while using Previous Checkbox within the Input Test form.
35387	Resolved the issue of the Ellipsis button on Instrument Logbook for 'Add item to Consumable Item List' causing a duplicate entry.
35458	Corrected the issue of the 'Show List of Values' checkbox causing an error on Display Reports screen.
35564	Resolved the issue of the QC Limits not calculating the Rosner Values correctly, they are now based on the number of data points retrieved.
35665	Corrected the issue of the date/time format not working properly on the Analysis Definition form when the time component is selected without using a ':'.
35706	Corrected the issue of the plot group grid not clearing when adding a new group, which would cause the plot to remove the existing updated group.
	Corrected the issue of the Plot Group form not showing all the plots available for new or existing group but they do show for other groups
	Corrected the issue of the application not allowing a user to create new group with same name of a plot that has been deleted.
35708	Corrected the issue of the application allowing an Inactive LDAP User access to the application.

36233	Corrected the issue of the GeoData Map not showing the result value when an analysis name is selected.
36532	Corrected the issue of the application allowing a user to open multiple sessions of the Mobile Analysis Setup form.
36538	Corrected issues found within the application concerning the way the application sorts Plant Condition Subs within the Plan Condition Sub form.
36588	Corrected the issue of Trend Plots not displaying limits correctly when plotting on multiple axis.
36781	Corrected the issue of the application not allowing more than one unit changed at a time within the System Definition screen.
36785	Corrected the issue of a user receiving an "A DataTable named 'Table' already belongs to this DataSet" error while attempting to display a plot.
37032	Corrected the issue of ModelIndep Requirements not being all placed on a schedule when the Plant Sub Mode is changed and Schedule is Auto Generated.
37141	Corrected the issue of the application adding a new sub plant condition instead of updating an existing sub mode when a user attempts to make an update.
37189	Corrected the issue of Quarterly Requirements not being picked up by the scheduler when Generating a Schedule.
37290	Corrected the issue of a user receiving a timeout error while attempting to plot a Quick Trend.
37336	Corrected the issue of a user receiving a warning screen with no details for no known reason, after further investigation, it was found that the error was caused by empty spaces and lines being in the warning message box.
37501	Corrected the issue of the right-click menu for QC analysis not showing the Edit Sample Information option.
37609	Corrected the issue of entries in the AnalysisValueLimitTable getting removed when the corresponding entry of the analysis value with a limit get updated.
37687	Corrected the issue of the right click menu showing on another monitor if multiple monitors are present.
37701	Corrected the issue of the analysis value in the first value cell of the last row being removed after a user clicks on the System tree and then re-appearing after hitting the 'Reload' button.
38228	Corrected the issue of a user receiving an error when attempting to log into the application with an invalid user name or password.
38255	Corrected the issue of the 'Combination Plot' scale not working when a plot is set to look at analysis data that is set a QC Instrument.
38560	Corrected the issue of the Security Group Setting for 'Data Entry->Main Data Entry Form->Change Validated Data' showing an error when it is set to 'No Restrictions'.
38847	Corrected the issue of the 'Batch Scheduler' form throwing an "Object Reference" error when a user clicks on any fields prior to hitting the add button.
38957	Corrected the issue of the 'Include Bad Data Point' check box being cut off on the Query Analysis screen.
38958	Corrected the issue of the 'Transfer In-line Data' form shows the "Analysis Date" and the "Analysis Time" but not showing the correct "Sample Date/Time".
38960	Corrected the issue of the schedule form not showing a warning message when a non-numeric analysis value is entered.

38972	Corrected the issue of the 'QC Trend Chart' not showing negative limits.
38974	Corrected the issue of the logbook screen opening and closing after a user clicks the magnifying glass next to the 'Include in Logbook' check box.
38990	Corrected the issue of the application throwing an error message when a user attempts to create an anomaly report.
39264	Correct the issue of the application allowing users to access units even when they do have rights.
39268	Corrected the issue of the Transaction Log not capturing changes made in the Instrument Logbook form.
39270	Corrected the issue of a user getting a "Conversion failed when converting the varchar value 'OOS' to data type int." error while attempting to run an Anomaly report.
39441	Corrected the issue of the plot groups list on the display plot form not updating correctly after a user modified a plot group.
39445	Corrected the issue of the scheduler not being able to regenerate schedules after a submode is changed.
39496	Corrected the issue of the 'Print' button causing an error message within the Query Analysis values form.
39556	Corrected the issue of the 'Forms and Controls' menu option appearing the first time you click on Admin->Security.
39558	Corrected the issue of a user receiving the error message 'Input Value is not in the format specified by the Analysis' when they try to enter the default by hitting enter key when an Analysis Definition is set to Number Format 'Date' and a default value of 'NOW()'.
39559	Corrected the issue of the Evaluation warning window showing empty lines after a user attempts to enter an invalid QC value.
39576	Corrected the issue of the 'Show' slide show button on "Display Plots" not stopping when the 'Stop' button is clicked.
39621	Corrected the issue of the 'Calculate' option now showing on the right-click menu after a user clicks to Hide Carry Over Items.
39718	Corrected the issue of the 'Test Stand Names' form giving an error when a user applies a filter that results in having no rows being displayed and then clicks the "Add" button.
39748	Corrected the issue of items within the "Input From List" property not showing up in the right click menu option within the scheduler.
39749	Corrected the issue of the "Group List item" not being saved when a user creates a new Lab Notebook entry.
39752	Corrected the issue of the analysis Information not allowing a user to edit existing values, when the 'Hide Carry Over Item' filter is checked on scheduler.
39764	Corrected the issue of the 'Group List Items' not refreshing correctly when a group is selected within the Lab Notebook.
39769	Corrected the issue of the Batch Scheduler not allowing a user to delete or disable a Batch Item.
39797	Corrected the issue of the SampleDateTime only showing the time on Quick Report.
39805	Corrected the label "Plant Condition" within the Inline Date Transfer form, there was a spelling error.

39824	Corrected the issue of the Input Test form not rounding analysis values correctly.
40027	Corrected the issue of the save button not being enabled when changing shifts and report files in Schedule Manager.
<b><i>New Features added to NuclearIQ</i></b>	
<b>ID</b>	<b>Title</b>
31082	Added a new "database" Admin Option that allows a site administrator to define the number of points that are used in the Rate of Change evaluation. This is a value that applies across the entire database and IS NOT a Site Specific option, once set the application uses that number of points to determine the Rate of Change mean and standard deviation.
33125	Added a Flag Type for warning the user when the QC value is between 2 and 3 sigma, the new warning will tell the user that a QC value is between 2 and 3 sigma so they can run another QC per their site procedure.
34188	Added an admin option that prevents users from sending emails within the NuclearIQ application prior to the email engine being setup correctly on the server.
34413	Added a new security update to the application that allows an admin user to restrict the ability to edit or review comments on validated data.
34417	Added the ability for a user to use the Re-Order Grid form change the order of the columns within the Chemical Inventory form.
34549	Creating A Sample Is Unavailable When On Column That Is Input From List
35624	Added the "Transaction Log Menu Item" menu to the Security Group Form within the security item list.
35664	Added the option to allow an admin user the ability to force a user to Auto-Calculate results instead of allowing them to manually enter a value in a calculated column.
35809	Added the ability for plots to be exported into a single PDF that can be emailed and/or printed.
35810	Added a new field within the Analysis Definition form for AnalysisID.
38959	Added new functionality to the application that writes Analysis Sample/Value Data to the PI Server.
<b><i>Updates made within NuclearIQ</i></b>	
<b>ID</b>	<b>Title</b>
29908	Modified the 'User Site Security' form so that when a user clicks save, it leaves them where they left off instead of returning them to first record.
31045	Modified the application to incorporate a forced analysis comment into the warnings message form on an out of specification condition.
31062	Modified the 'Define Email Group' form so if a user is Inactive, the user is color coded to show they are inactive.
31066	Modified the 'Define System Group' form so if a group is Inactive, the group is color coded to show they are inactive.
31069	Modified the 'Query Analysis Value' form so that it will ignore points identified as Bad Data Point.
31074	Modified the 'Input Test' fom so that when a user exports data into excel, there is a new column that displays the "Units of Measure".
31350	Modified the 'Instrument Logbook' form to allow a user the ability to filter by Unit and Type.

31953	Modified the application by adding a scroll bar within the 'Calculation Targets Exist' to correct the issue of the window falling off the bottom of the screen when the list containing more names than can be displayed.
32504	Modified the application to show requirements that are neither rolling nor fixed on the 'Check Requirement Error' form.
32517	Modified the application so that the System Type dropdown is filtered by site and unit within the 'Input Test' form.
34448	Updated the trending charts so that if a user trends an analysis where the last N number of points or data range has non numeric data the chart displays "No numeric data was retrieved for the dataset returned."
34515	Updated the mobile setup form so that all active users show on the user list and inactive users are filtered off the list.
34623	Update for Security Module to include the ability to hide the "Delete Range" function from the right click menu so it only displays when the security group permits it.
34626	Update for Security Module so that the ability to create Admin users is blocked unless it is being done by an Administrator.
34656	Updated the warning box within the Input Test form so that when a calculated value exceeds a limit, the plot shows the new data point and the Message Box includes "The calculated value = XXX".
34964	Updated the Plot Groups form and Combination Plot Manager form to allow Administrators to change the ownership of Plots and/or Plot Groups while still maintaining the current limitations associated with who can change plots that they don't own.
34993	Updated the schedule review form so that when a user enters data by using the Right click menu and selecting 'Input Sample Information' without having to also enter an analysis date and time in a specified format.
34997	Updated the Schedule Manager form to include a right click function for allowing the user to edit a requirement assigned to the schedule.
35035	Updated the Analysis Definition screen to include an email notification option for values that exceed limits not set to 'Limit Violates Out of Spec' on Limit Names form.
35383	Updated the display plot form to add the ability for a user to see the print dialog box from display trend plots & ability to change things like color, orientation, and paper size for custom plots.
35384	Updated the display plot form to add the ability to print 2 to 4 plots on 1 page.
35457	Updated the Report Grid to add the ability to select Previous OR Current as Comparators for time frames of Month, Quarter and Year
35508	Updated the Instrument Logbook form so that the Instrument Calibration Schedule has a filter that a user can use to show only 'As Required' calibration frequencies.
35509	Updated the User Site Security form to allow user security settings to be applied at the Unit level under a Site.
35524	Updated the limits matrix to allows the evaluation routine to evaluate the plant condition sub associated with the sample.
35540	Updated the Check Schedule Errors form to include a hyperlink that will take a user directly into the Requirement Manager grid, also added the ability to delete the requirement from the Check Requirement Errors screen.

35633	Updated the Gamma Spectrum Data Transfer button so that it doesn't enable until a spectrum has been selected.
35692	Updated the Review Schedule form to add a column to show the analysis units for each scheduled requirement.
35705	Update the Schedule Review form to notify a user an open scheduled has been closed when the users go to refresh the schedule on their screen.
35754	Updated the application so that it stores the number of data points used when Generating new QC limits from the 'Generate QC Limits' form. The f-Test and t-Test (part of the Statistical Analysis function) require the number of data points used to generate the limits.
35755	Updated the Right Click Menu so that Statistical Analysis feature (f-Test & t-Test) shows.
35756	Updated the In-line Data Transfer form to include a button that allows the user to delete all data that is older than the number of days defined on the Options page.
35762	Updated the application security form to allow Site Security Settings to be applied at the Unit Level.
35808	Updated the Log-In screen form so that an LDAP user does not see the Change Password checkbox.
35817	Updated the Input Test form so that after a user clicks on a system within the tree view, the grid with automatically activate and the user can use keyboard to enter data directly.
36206	Updated the trend plot form so that Limits are displayed properly, the form now uses the item marked as Control for that working axis or the first analysis in the grid for each working axis as the source of the limits for a working axis.
36207	Updated the application so that the Mobile Analysis Setup Menu option was move to the Admin Menu directly under the Options menu item.
36467	Updated the application so that the "sharepoint" option was removed from the help menu.
36670	Updated the application so that the curser moves to the next cell after entering a value into the QC Instrument Column.
36831	Removed the 'Action Items' form from the application due to the lack of use from any clients.
37074	Updated the security group form in the application so an admin has the ability to make the Rename Analysis menu invisible or visible depending on the user's needs.
37310	Updated the application so that Deactivated Unit Numbers do not show on the Unit Number Plant Condition Sub Screen or the SystemDefintionTbl reference screen.
37604	Removed the 'Mobile Devices Authorized for Use' form from the application since it is no longer needed.
37772	Updated the application so if the limit values are completely empty for a sub mode, the evaluation routine uses the values for the mode without subs.
37971	Modified the warning screen for the 'Chemical Inventory' module so that when the number on hand equals the number for the Chemical Limit, the item shows on the under minimum quantity report. This update should only show when the quantity on hand is below the limit not equal to the limit.
	Modified the warning screen for the 'Chemical Inventory' module so that the application excludes the entries marked as "Opened" when determining the number of containers available against minimum quantify limits.

38200	Updated the application so that the transaction log records when a security group name has been changed.
38762	Updated the 'Chart Date Range' chart that is displayed on the right click menu so that the "Number of Points" and "Plot" buttons are deactivated and the "Previous Analysis" and "Next Analysis" buttons are activated.
38967	Updated the 'Evaluation Order' form so that there is no longer a "Clear Filter on Row Add" checkbox, since it is not possible to add or delete limits from this form, there is no need for that filter.
39104	Updated the application so that the Transaction log can better explain the description of what happens when a user changes any Test Stand names.
39566	Updated the wording on the warning message to say 'rate-of-change test based on previous...' instead of 'rate-of-change test on previous....'.
39745	Updated the Schedule Name drop down list within the Generate Schedule form, so schedules that have no requirements are removed from the list.
39773	Updated the application so that when a user exports the Test Input grid into an XML, the application shows a pop-up "File written to XML", however if the export is cancelled, the pop-up will not show.
39802	Updated the application to add a filter on the 'Instrument Type' dropdown within the Instrument Logbook.