

NuclearIQ_v1.5.0 Release Notes

ID	Description
58483	Corrected an issue associated with performing in-cell entry on Schedule Review form, a "<" less than character throws an error during data entry.
58446	When an analysis accepts input from a list, the dropdown on the scheduler can display duplicated entries.
58408	Addressed the QC input form always showing. Form should only be forced to display when the site is licensed to use the Standard & Reagents Module and there is something in QC Standard History.
58380	Addressed the situation caused when a QC Instrument column is aligned to a calculation. The Analysis Date/Time of the QC calculated result has to match the Sample Date/Time where the Calculation was called. In 1.4.0, after the calculation is complete, the result gets associated to the Sample Date/Time selected but another line is created with the current Date/Time as the Sample Date/Time. This results in the value being entered twice
58362 / 57761	Addressed the case in version 1.4.0.0 where the Batch scheduler was popping up a window during the "save file to folder" event and resulted in the batch not completing automatically. When the popup is cancelled, the batch completes as expected. The popup is caused by the 'Do Not Print to Printer' check box being unchecked and no printer selected in the dropdown box. Enhancement - 1) When 'Do Not Print to Printer' is unchecked and the printer name field is empty, the application will require printer to be supplied when Save is clicked. 2) If the printer name is not provided for historical reasons, the report will not try to print.
58309	Adjusted the database view for the Return From OOS email that was not being sent for Normal Analysis. It worked fine for QC Instrument analyses.
58260	Addressed a case the Excel is closed when defining a Calculation and the user receives "The object invoked has disconnected from its client" error. Enhancement - New popup message telling user that the excel sheet was closed and needs to be reopened.
58165	Corrected the user identified issue where User receives an error "Operation is not valid because it results in a reentrant call to the BeginEdit function." when performing data entry moving from Sample Input to Analysis Value Input. The steps to reproduce are: <ol style="list-style-type: none">1. Open the Test Input form.2. Select the last row in the grid and select 'Input Sample Information' or click the Spacebar. (Sample Input form opens)3. Type the time and click the "Enter" key to trigger the save then4. Immediately begin typing the value that is to be entered in the cell.5. Unhandled Exception message is displayed.

57923	Removed server offset from Site Definition. The only places server offset was used was Lab Notebook, and check instrument availability. Application now records the users' desktop time, and log the server time as EnteredDateTime, if needed.
57807	Corrected the procedure that was causing an error when Deactivating or Activating a system upon saving.
57789	Modified the evaluation routine to first look at the current status of the Limits Exist flag for the analysis. This was associated with entering a value and analysis has its limits disabled and without a new set of limits applied, the evaluation routine still checked the old limits when a value was entered.
57784	Moved Chemical Type menu under Chemicals->Chemical Inventory menu. This allows the grouping capability to be available to all users of the Chemical inventory module.
57735	Added Quality Deficiency Investigation Report form for TVA Client. (Only available to TVA clients at this time)
57726	Improved application speed when performing Combination Plotting activities.
57643	Investigate indices and statistics to improve overall performance. Mostly this removed redundant entries and unused views/procedures. Clients should notice a marked increase in performance as a result of this effort.
57631	Corrected the situation where Limit values got rounded. When SQL server converts float to varchar(100), it only retains 6 total digits. Anything longer will be either rounded or converted to scientific notation. Some indices and statistics that used LimitValue (Drawing quick trends and opening multi-part forms) are much quicker. There are concerns regarding behavior when numerical values are present and the value format is to "General"
57621	Corrected the issue regarding Users reporting not being able to pull more than 100 data points using the PI interface.
57596	PI menu shows up when user logs in, even if PI is not available. The application will now only show PI on the tool bar when the Admin->Option->PI Server field is populated and the PI software is installed on the machine used to run NuclearIQ.
57516	Users can open multiple instances of Test Stand Names and Calibration Scheduler. When a form is opened, it appears in the Window dropdown list at the top of the application.
57272 / 57439	Added new function to allow the Instrument Logbook In-Service/Out-of-Service status to control conditional schedule requirements. This functionality will allow the User to define Schedule Items for inclusion to the Work Schedule when an instrument is remove from service (OOS). These same requirements will be removed from the schedule when the status is returned to In-Service.
57271	Added a new Instrument Calibration schedule feature that looks at the Instrument Logbooks to determine the last time an Instrument was calibrated and when the next calibration is required. The Schedule will present all of this information on a single form that will allow the user to enter/update calibration information without having to open the Instrument Logbook.
57189	Removed the Print button on the Limit screen. There is a custom reporting view for the limits that can be used if necessary.
57163	Enabled the users to resize the system treeview on the Test Input screen.

57156	Corrected an issue when a row was deleted in Test Input grid and some information got shifted. For example, sample comments for all the rows below got shifted down by 1 row.
57153	Enabled the use of links in Sample/Analysis comments on the Test Input screen, so that clients can use MultiParser to load network addresses, instead of manually attaching documents to samples. Network path links cannot contain spaces.
57081	Enabled users to key in values for QC and multi-part input without waiting for the form to show up. Currently when a user types in a value for such screens, he has to wait for the form, or the first letter gets chopped off. For example, if he keys in 1.20 consecutively without waiting, the value appears in the form will be .20. NOTE: if the user types really fast, or the database is really slow, there still can be a letter skipped or missed
56832	Sped up loading of the analysis limits screen. An Effective Values button was added to Analysis Limits screen also to allow the user to visually see how the Plant Condition/Plant Sub-Conditions are affecting how the limits are being implemented. Work Item also corrected an issue with Plant Condition Sub limits being displayed by their ID # and not their Ordinal Position as defined.
56804	Clicking on Previous # of days checkbox on Test Input screen causes an error. Steps to reproduce: <ol style="list-style-type: none">1. Open Test Input screen2. Select a system3. Click on Previous # of days checkbox, click on it to uncheck it, and you will see the error
56754	Corrected a schedulign issue where Yearly, quarterly, monthly, weekly and n number of days requirements can be skipped. The cause of error is that we added time component to all requirements and it is not compatible with the old method of generating schedules. For example, if the target date falls on the first of the month and the start time of the schedule is after the time of the mark, we may see the error
56735	All requirement marks should have a time component, except hourlyies. For example, a monthly requirement with mark '3/5/2018 16:30' will happen on the 5th of every month at 16:30. This will allow the clients to specify the exact time of when the requirements are going to happen, instead of relying on the start time of the schedules.
56611	Modified the view to ensure Analysis Units always show on plots (Combination Plots)
56591 / 56141	Removed QC Flag descriptions related to LabStats from Flag Types Screen, removed LabStats Maintenance items from Admin Menu and remove the admin options for 'Enable Enhanced QC' and 'Setup Enhanced QC'.
55919	Modified the Data Trending method to incorporate the following enhancement. The current Data Trend method requires each data point to be < or > the previous point in order to trip the 'Data Trend' flag (ie. Upward or Downward data trend). Another method of data trending is to ensure each point is <= or >= to the previous & the first point is < or > the last point. The first method is 'Progressive' and the new method is 'Indicated'. New radio buttons added to the Analysis Definition screen (default setting is 'Progressive').
