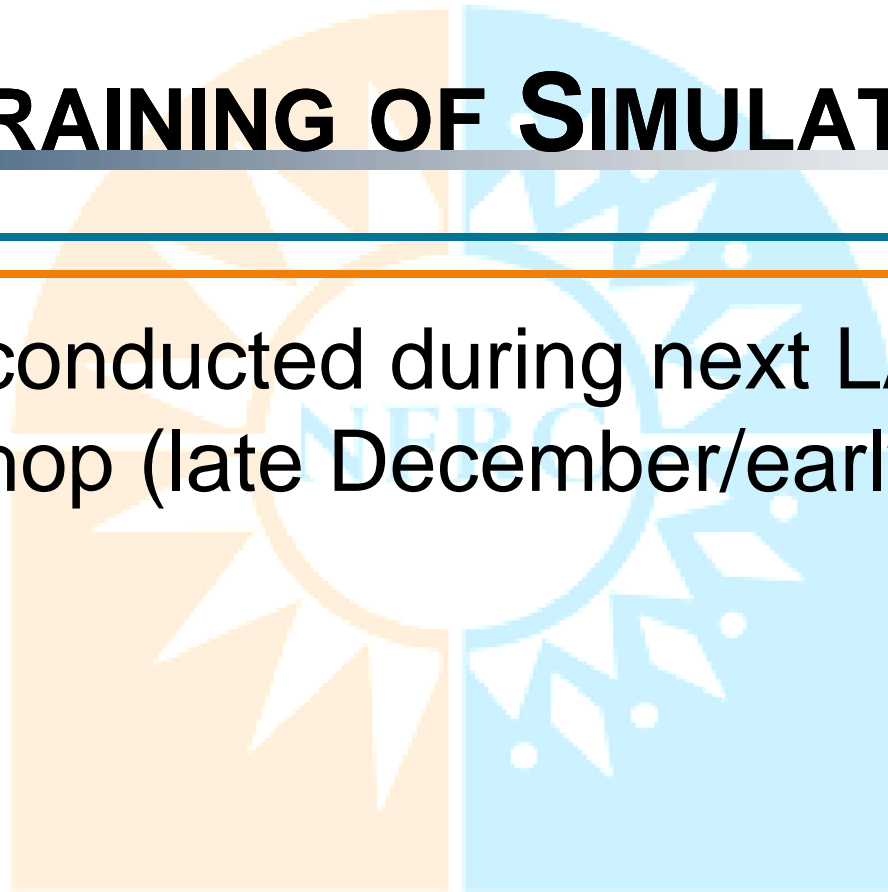


APD TRAINING

- APD
 - Timing of training of simulation laboratories
 - New Functions
 - Simulation Submissions
 - IA Home Page
 - Introduction to Archiving
 - Comments/Questions
-
-
-

APD TRAINING OF SIMULATORS

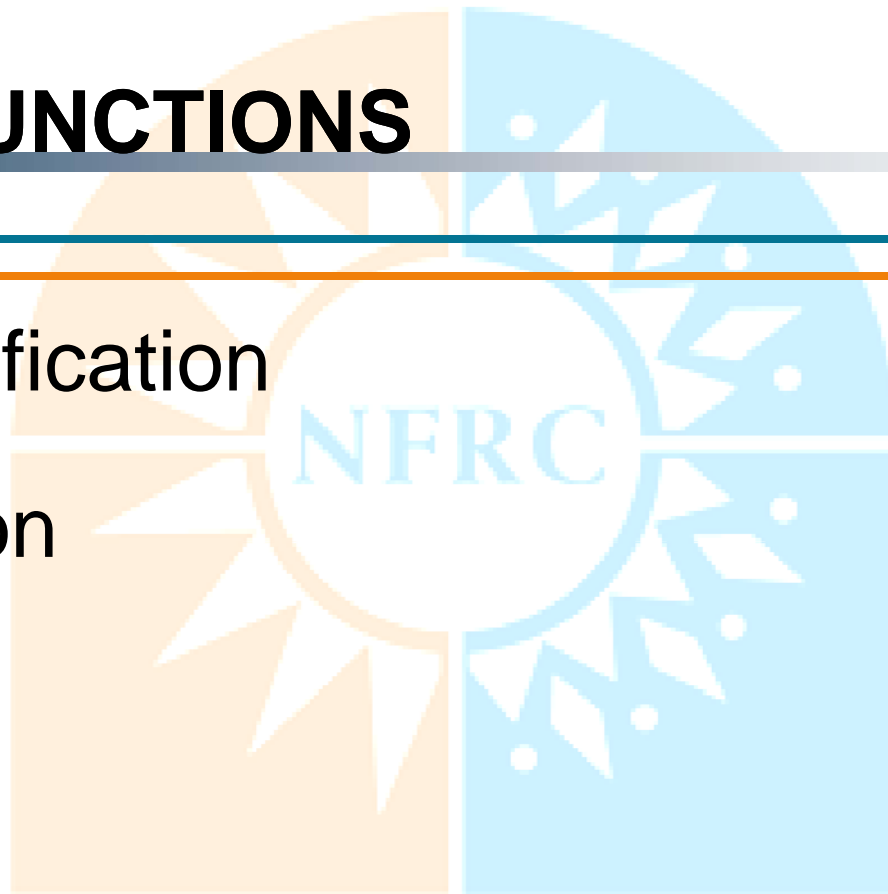
- To be conducted during next LAP Workshop (late December/early Jan).



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NEW FUNCTIONS

- Recertification
- Revision



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SIMULATION SUBMISSIONS

- Upload/Submittal Page Overview
- Procedural Overview

The screenshot shows the 'ATTACHMENT PRODUCTS DIRECTORY' web application. At the top left is the NFRC logo and the text 'ATTACHMENT PRODUCTS DIRECTORY'. Below this is a navigation bar with buttons for 'Home', 'Lab Reports', 'IA Info', and 'My Account'. A dark blue header bar contains 'Log off' on the left and 'Welcome swendt-snfr' on the right. The main content area is titled 'FIND MANUFACTURER' and includes a search form with radio buttons for 'By Name' (selected) and 'By Code or ID', a search input field, and 'Search' and 'Show All' buttons. Below the search form is a search results box with a keyboard navigation bar and the message 'No matches found.' To the right of the search form are labels for 'Selected Manufacturer:', 'Submission Type:', 'Lab Type:', and 'Data File:'. The 'Selected Manufacturer:' dropdown is open, showing options: '<None Selected>', 'New', 'U-Factor Addition', 'Recertification', 'Revision', and 'Add Report'. The 'Submission Type:' dropdown is also open, showing 'New' as the selected option. Below the 'Submission Type:' dropdown is a text input field with a 'Browse...' button and a note '(after all other entries have been made.)'.

SIMULATION SUBMISSIONS

- Recertification
 - Active and in-active product lines

The screenshot displays the 'ATTACHMENT PRODUCTS DIRECTORY' web application. At the top, there is a navigation bar with 'Home', 'Lab Reports', 'IA Info', and 'My Account' buttons, and a 'Log off' link. Below this is a search section titled 'FIND MANUFACTURER' with radio buttons for 'By Name' (selected) and 'By Code or ID', a search input field, and 'Search' and 'Show All' buttons. A manufacturer selection table is shown with columns for Name, Code, and ID. The 'Selected Manufacturer' is '860 - 123XYZ Company'. Below this, there are dropdown menus for 'Submission Type' (set to 'Recertification') and 'Lab Type' (set to 'Simulation'). A 'Select a Product Line:' label is followed by a table of product lines with columns for CPD Number, Film Series/Model Name, Tint, and Film Location.

Name	Code	ID
123XYZ Company	XYZ	860
3M	MMM	1323

Selected Manufacturer: 860 - 123XYZ Company

Submission Type: Recertification

Lab Type: Simulation

Select a Product Line:

CPD Number	Film Series/Model Name	Tint	Film Location
XYZ-T-017	U-Factor test - 001	CL	Interior
XYZ-T-018	U-Factor test - 0011	CL	Interior

SIMULATION SUBMISSIONS

- Revision
 - Active product lines

The screenshot shows the 'ATTACHMENT PRODUCTS DIRECTORY' web application. At the top, there is a navigation bar with 'Home', 'Lab Reports', 'IA Info', and 'My Account' buttons. Below this is a 'Log off' link. The main content area is titled 'FIND MANUFACTURER' and includes search options: 'By Name' (selected) and 'By Code or ID'. There are 'Search' and 'Show All' buttons. A search results table lists manufacturers: '123XYZ Company' (Code: XYZ, ID: 860) and '3M' (Code: MMM, ID: 1323). To the right, there are filters for 'Selected Manufacturer' (860 - 123XYZ Company), 'Submission Type' (Revision), and 'Lab Type' (Simulation). Below these filters is a 'Select a Product Line:' section with a table of simulation submissions.

CPD Number	Film Series/Model Name	Tint	Film Location
XYZ-T-017	U-Factor test - 001	CL	Interior
XYZ-T-018	U-Factor test - 0011	CL	Interior

SIMULATION SUBMISSIONS

- Edits to Product Line in APD

ATTACHMENT PRODUCTS DIRECTORY

Home
Lab Reports
IA Info
My Account

Log off

Cancel
Submit to IA

MANUFACTURER INFORMATION	
Name	123XYZ Company
Code	XYZ
Id	860
Status	Active

PRODUCT LINE INFORMATION	
CPD Number	XYZ-T-017
Series/Model Name	U-Factor test - 001
Attachment Type	Film
Film Application	I
Tint	CL
Rating Procedure	2004
Associated IA	T
Certification Date	11/30/2010 12:00:00 AM
Expiration Date	11/29/2014 12:00:00 AM
Status	

REPORT DETAILS	
Sim Report #	<input type="text"/>
Lab Code	SNFR
Simulation Date	<input type="text"/>
Report Date	<input type="text"/>
Submission Date	
Report Type	Recertification

Preview Calculations

SIMULATION DETAILS																	
Default Operator Type	Default Glazing Reference	Pane ID 1	Pane ID 2	Pane ID 4	Film-Pane Thickness 1	Film-Pane Thickness 2	Film-Pane Thickness 4	Film-Tint 1	Film-Tint 2	Film-Tint 4	SHGC COG	VT COG	SHGC No Film	SHGC w/ Film	VT No Film	VT w/ Film	U-Factor
Fixed	Single-Glazed Clear 3mm (1/8 inch)	<input type="text"/>	30038	<input type="text"/>	<input type="text"/>	0.118000	<input type="text"/>	<input type="text"/>	CL	<input type="text"/>	.859000	.899000	.710000	.714520	.740000	.736280	1.200000
Fixed	Double-Glazed Clear 3mm(1/8 inch)	<input type="text"/>	<input type="text"/>	30038	<input type="text"/>	<input type="text"/>	0.118000	<input type="text"/>	<input type="text"/>	CL	.816000	.884000	.630000	.679300	.670000	.724000	0.200000

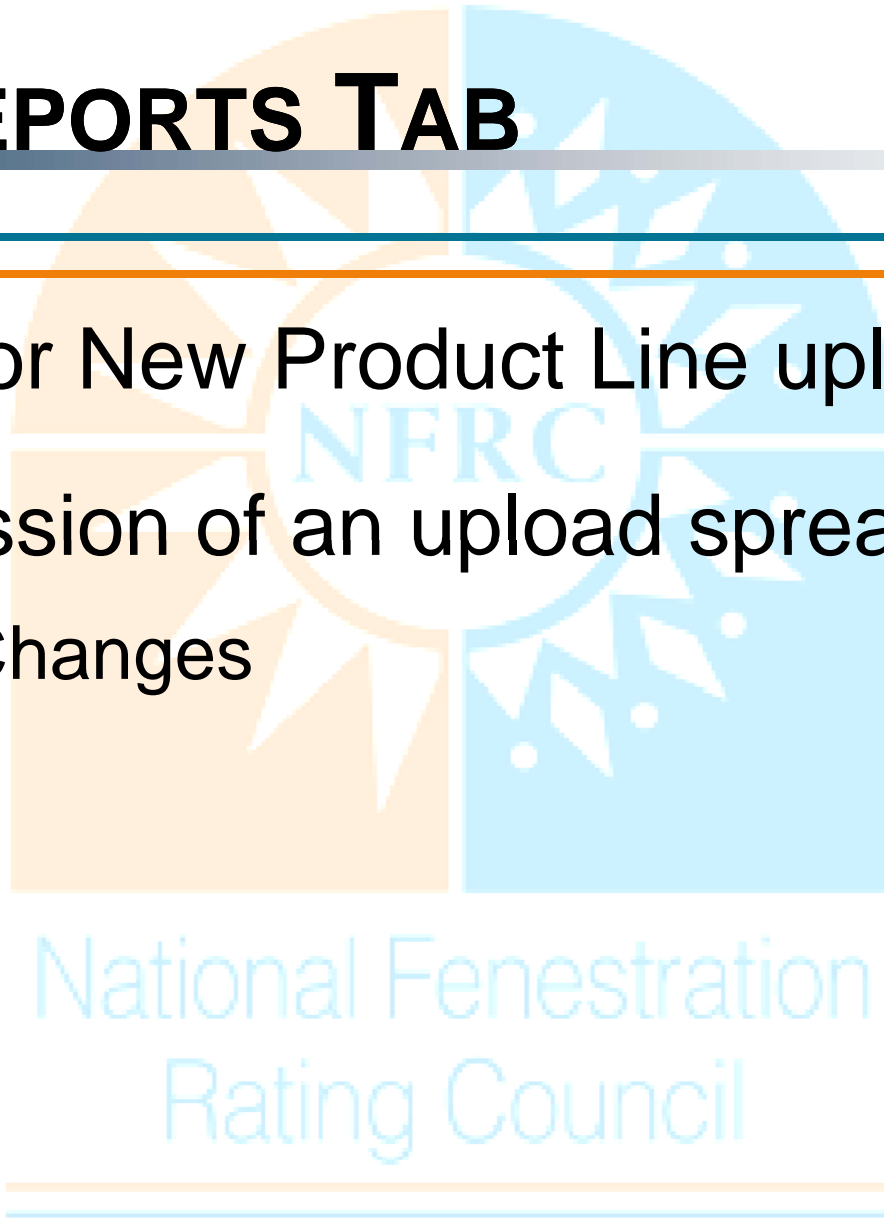
IA HOME PAGE

- Lab Reports Tab
- U-factor Submissions Tab
- Recertification Tab
- Revision Tab

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LAB REPORTS TAB

- Used for New Product Line uploads
- Submission of an upload spreadsheet only
 - No Changes



U-FACTOR SUBMISSIONS TAB

- No upload spreadsheets
 - Existing Product Line data edited by the lab
 - Introduces a U-factor rating to currently certified interior applied film product lines.
 - Any exterior applied film, expired, or other inactive status product lines are not available for U-factor addition.
-
-

U-FACTOR SUBMISSIONS (CONT.)

- A manufacturer without a U-factor rating on a current certified interior applied film product line is not authorized to label. Simulations must be conducted and submitted for IA approval.

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RECERTIFICATION TAB

- No upload spreadsheets
 - Existing Product Line data edited by the lab
 - Product Line Information
 - Series/Model Name, Tint, Rating Procedure
 - Report Details
 - Sim Report #, Simulation Date, and Report Date
-
-

RECERTIFICATION (CONTINUED)

- The APD will automatically populate the Lab Code, and Report Type from the user's login information.
- The APD will automatically populate the Submission Date after the lab selects "Submit to IA".

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RECERTIFICATION (CONTINUED)

- Simulation Details
 - Pane ID 1, 2, or 4
 - Film-Pane Thickness 1, 2, or 4
 - Film-Tint 1, 2, or 4
 - SHGC-COG
 - VT-COG
 - U-factor rating (for interior films only)
-
-

RECERTIFICATION (CONTINUED)

ATTACHMENT PRODUCTS DIRECTORY

Home
Manufacturer Info
IA Info
NFRC Reports
My Account

Log off

Cancel
Accept
Reject

MANUFACTURER INFORMATION	
Name	123XYZ Company
Code	XYZ
Id	860
Status	Active

PRODUCT LINE INFORMATION	
CPD Number	XYZ-T-017
Series/Model Name	Interior Film
Attachment Type	Film
Film Application	I
Tint	CL
Rating Procedure	2010
Associated IA	T
Certification Date	11/30/2010 12:00:00 AM
Expiration Date	11/29/2014 12:00:00 AM
Status	

REPORT DETAILS	
Sim Report #	Recertification
Lab Code	SNFR
Simulation Date	11/29/2011
Report Date	11/29/2011
Submission Date	11/28/2011 11:04:37 PM
Report Type	Recertification

SIMULATION DETAILS																	
Default Operator Type	Default Glazing Reference	Pane ID 1	Pane ID 2	Pane ID 4	Film-Pane Thickness 1	Film-Pane Thickness 2	Film-Pane Thickness 4	Film-Tint 1	Film-Tint 2	Film-Tint 4	SHGC COG	VT COG	SHGC Ilo Film	SHGC w/ Film	VT Ilo Film	VT w/ Film	U-Factor
Fixed	Single-Glazed Clear 3mm(1/8 inch)		30038			0.118000					.884000	.884000	.722927	.743394	.735750	.723474	0.350000
Fixed	Double-Glazed Clear 3mm(1/8 inch)			30038			0.118000				.884000	.884000	.642697	.743394	.666185	.723474	0.350000
Window Wall	Single-Glazed Clear 6mm(1/4 inch)		30039			0.118000					.884000	.444000	.731844	.791464	.775161	.389334	0.350000
Window Wall	Single-Glazed Grey 6mm(1/4 inch)		30046			0.118000					.884000	.814000	.521419	.791464	.389334	.713780	0.350000
Window Wall	Double-Glazed Clear 6mm(1/4 inch)			30039			0.118000				.884000	.786000	.631892	.791464	.689227	.689227	0.350000
Window Wall	Double-Glazed Grey 6mm(1/4 inch)			30039			0.118000				.884000	.395000	.414453	.791464	.346367	.346367	0.350000

REVISION TAB

- No upload spreadsheets
 - Existing Product Line data edited by the lab
 - Report Details
 - Sim Report #, Simulation Date, and Report Date
 - Lab Code - automatic populate from the user's login information.
 - Report Type automatic populate from the user's login information.
 - Submission Date – automatic populate upon submission
-
-

REVISION (CONTINUED)

- Product Line Information
 - Series/Model Name, Tint, Rating Procedure
 - Simulation Details
 - Pane ID 1, 2, or 4
 - Film-Pane Thickness 1, 2, or 4
 - Film-Tint 1, 2, or 4
 - SHGC-COG
 - VT-COG
 - U-factor rating (for interior films only)
-
-

REVISION (CONTINUED)

ATTACHMENT PRODUCTS DIRECTORY

Home
Manufacturer Info
IA Info
NFRC Reports
My Account

Log off

Cancel
Accept
Reject

MANUFACTURER INFORMATION	
Name	123XYZ Company
Code	XYZ
Id	860
Status	Active

PRODUCT LINE INFORMATION	
CPD Number	XYZ-T-017
Series/Model Name	Interior Film
Attachment Type	Film
Film Application	I
Tint	CL
Rating Procedure	2010
Associated IA	T
Certification Date	11/30/2010 12:00:00 AM
Expiration Date	11/29/2014 12:00:00 AM
Status	

REPORT DETAILS	
Sim Report #	Recertification
Lab Code	SNFR
Simulation Date	11/29/2011
Report Date	11/29/2011
Submission Date	11/28/2011 11:04:37 PM
Report Type	Revision

SIMULATION DETAILS																	
Default Operator Type	Default Glazing Reference	Pane ID 1	Pane ID 2	Pane ID 4	Film-Pane Thickness 1	Film-Pane Thickness 2	Film-Pane Thickness 4	Film-Tint 1	Film-Tint 2	Film-Tint 4	SHGC COG	VT COG	SHGC No Film	SHGC w/ Film	VT No Film	VT w/ Film	U-Factor
Fixed	Single-Glazed Clear 3mm(1/8 inch)		30038			0.118000					.884000	.884000	.722927	.743394	.735750	.723474	0.350000
Fixed	Double-Glazed Clear 3mm(1/8 inch)			30038			0.118000				.884000	.884000	.642697	.743394	.666185	.723474	0.350000
Window Wall	Single-Glazed Clear 6mm(1/4 inch)		30039			0.118000					.884000	.444000	.731844	.791464	.775161	.389334	0.350000
Window Wall	Single-Glazed Grey 6mm(1/4 inch)		30046			0.118000					.884000	.814000	.521419	.791464	.389334	.713780	0.350000
Window Wall	Double-Glazed Clear 6mm(1/4 inch)			30039			0.118000				.884000	.786000	.631892	.791464	.689227	.689227	0.350000
Window Wall	Double-Glazed Grey 6mm(1/4 inch)			30039			0.118000				.884000	.395000	.414453	.791464	.346367	.346367	0.350000

INTRODUCTION TO ARCHIVING

- What is it for?
 - Capture and store historical product line information whenever a product line is revised or recertified. (Does not include '05' Archive status)
 - New user requirements?
 - No separate login or administrative page(s)
 - What will be available for viewing?
 - All product line data (including header and simulation details)
 - Submission type and date of submission approval
-
-

INTRODUCTION TO ARCHIVING (CONT)

- Stored in a dedicated archive database
 - Users will access the archive viewer from the APD application via the product line details screen for those product lines with archive data available.

The screenshot shows a software interface with a navigation bar at the top containing a '< Back' button and a 'View Archived Product Line Data' button. Below the navigation bar, there are three main data sections: 'MANUFACTURE INFORMATION', 'PRODUCT INFORMATION', and 'REPORT DETAILS'. The 'MANUFACTURE INFORMATION' section includes fields for Name (123XYZ Company), Code (XYZ), Id (860), and Status (Active). The 'PRODUCT INFORMATION' section includes fields for CPD Number (XYZ-T-039), Series/Model Name (Interior Applied Film), Attachment Type (Film), Film Application (I), and Tint (OT). The 'REPORT DETAILS' section includes fields for Sim Report # (12345.1SEW), Lab Code (SNFR), Simulation Date (8/24/2011 12:00:00 AM), Report Date (8/1/2011 12:00:00 AM), and Submission Date (8/24/2011 3:52:57 PM). A mouse cursor is pointing at the 'View Archived Product Line Data' button.

MANUFACTURE INFORMATION	
Name	123XYZ Company
Code	XYZ
Id	860
Status	Active

PRODUCT INFORMATION	
CPD Number	XYZ-T-039
Series/Model Name	Interior Applied Film
Attachment Type	Film
Film Application	I
Tint	OT

REPORT DETAILS	
Sim Report #	12345.1SEW
Lab Code	SNFR
Simulation Date	8/24/2011 12:00:00 AM
Report Date	8/1/2011 12:00:00 AM
Submission Date	8/24/2011 3:52:57 PM

INTRODUCTION TO ARCHIVING (CONT)

- NFRC Admins, IAs, and MFRs user login information will be encrypted and securely passed to the archive viewer application to ensure users are only able to view the data they are associated with.

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INTRODUCTION TO ARCHIVING (CONT)

- Archive viewer application by pop-up screen.
- Screen color difference for easy recognition
 - Advantages: Side by side comparison with the active data for that same product line.

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INTRODUCTION TO ARCHIVING (CONT)

- To be tested on APD and introduced into CPD

