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July 20, 2015

Category	Applicable NASGRO Module									Description	
	NASGRO Main	Config Control	NASFLA	NASSIF	NASCCS	NASGLS	NASMAT	NASBEM	NASFORM		Users Manual
Fix			X								Fixed the following two problems for SC11 and SC12: 1) For SC11 and SC12: The failure check on the degraded crack cases (TC03 for SC11, and TC04 for SC12) was applied on the erroneous crack tip. 2) For SC11: the reference data tables for the geometry factor calculation of the degraded crack case (TC03) was not created, so the K values obtained for the failure check on the degraded crack case (TC03) were always zero.
Fix		X									Loading a profile into Configuration Control resulted in multiple parameters being incorrect, depending on the configuration of the saved profile.
Fix			X								The DLL generated using Intel Fortran resulting in run-time error for NASFLA analysis when linked with GUI. The pit fall was a result of closed Fortran default input and output file units: 5 and 6.
Fix			X								Material Q3LB23AB1 was nor properly loading all references due to a malformed line in the materials database.
Fix			X	X	X						Fixed a coding error in calculation of net section stress for SC18 under remote tension and bending.
Fix			X								NASFLA was not making a case-insensitive check for already existing material IDs when saving material to the material file.
Fix						X					Crack Case TC13: The computation for TC13 with "tension, bend, pin load" selected resulted in an error.
Fix					X	X					Crack Case TC13: The geometry tab for TC13 with "tension, bend, pin load" selected erroneously shows the grid cells for user entered stress
Fix					X						Crack Case TC13: On the OutputOptions tab, the stress quantities are incorrectly labeled when "Tension, bend, pin load" is selected.
Fix						X					Crack Case TC13: On the Load Blocks tab the stress quantities for remote stresses are incorrectly labeled.
Fix					X						Crack Case TC13: On the OutputOptions tab, the Alpha and Smax/Flow parameters are being erroneously displayed upon load or creation of a crack case.
Fix			X	X	X	X					Crack Case SC09, SC13: When loading the crack case from file with metric units selcted, the bolt sizes are listed in US units
Fix			X								Corrected formatting error in output file which caused stars to be printed in the "To" column under Block Number, when the number exceeded 4 digits.
Fix			X								1-D tabular material data with exactly 25 rows was preventing an anlysis from running. The error has been corrected, and additionally, this table has been expanded from 50 to 100 rows.
Fix			X								Fixed an output problem for HC01, i.e. the SIF geometry factors were overwritten before saving to the out2 file.
Fix			X		X						Crack Case KT01,KT02,KT03: After selecting a KT case and then switching to a non-KT case, the Geometry tab would incorrectly display the 'separate plots for t1,t2' checkbox. Furthermore, plotting from the Geometry tab could result in plot labels being incorrect.
Fix			X								When changing the negative pin load option the user is not prompted to save the input file.
Fix			X								Under certain conditions, selecting "NASGRO material file: multiple temperatures" as the Data Source on the Materials tab would cause the GUI to become unresponsive.