

Incorporating Human Readiness Levels at Sandia National Laboratories

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Abstract—Since 2010, the concept of human readiness levels (HRL) has been under development as a possible supplement to the existing technology readiness level (TRL) scale. The intent is to provide a mechanism to address safety and performance risks associated with the human component in a system that parallels the TRL structure already familiar to the systems engineering community. Sandia National Laboratories in Albuquerque, New Mexico, initiated a study in 2015 to evaluate options to incorporate human readiness planning for Sandia processes and products. The study team is baselining current development processes and collecting feedback on the viability of potential options for human readiness planning. The utility of identified solutions will be assessed in one or more test cases.

Keywords—*human readiness level; technology readiness level; human systems integration*

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