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**Evaluation of the Natural Circulation Capability Test Results  
for Ulchin Nuclear Power Plant Unit 3**

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**Abstract**

During the Power Ascension Test (PAT) period, the transient tests related to the natural circulation capability were successfully completed for Ulchin Nuclear Power Plant Unit 3 (UCN 3). The tests were successfully completed by meeting all acceptance criteria. The post-trip PCS shows good performance as designed and the measured natural circulation capacity was demonstrated to be adequate for the core decay heat removal for UCN 3.