



NUPOWER RESOURCES LIMITED (ASX: NUP)
ASX ANNOUNCEMENT 21 APRIL 2009
EXPLORATION UPDATE

URANIUM/GOLD/PHOSPHATE TARGETS (NT)

Highlights:

- Planning under way for early drilling at Eva Mineral Lease as soon as funding from Rights issue secured – uranium /gold targets
- Drilling contracts and approvals being sought for Lucy Creek and Arganara phosphate targets
- Acceptances for Rights Issue due at share registry by 5pm
Thursday 23 April 2009

NuPower has commenced the process to gain regulatory approvals to drill at its Eva Mineral Lease (MLN 585) to secure resources to JORC standards for uranium and gold. The company is required to seek approval of a Mine Management Plan and a Risk Management Plan under NT legislation.

As the lease pre-dates the Aboriginal Land Rights Act, no formal approvals are required to access the area. Relevant applications will be made to the Aboriginal Areas Protection Authority and discussions will be held with Traditional Owners to ensure protections of sites of significance.

Drilling at Eva and at the nearby Cobar II Mineral Lease could take place as early as August 2009, subject to the level of funding available following closure of NuPower's 4:1 Rights



Issue and to timely receipt of approvals. Acceptances for the Rights Issue are due at the share registry by 5pm on Thursday 23 April 2009.

At its Lucy Creek and Arganara phosphate projects, NuPower has commenced planning processes to secure drilling contracts and regulatory approvals under the Mine Management Act. It is expected that drilling could take place on one or both of these projects by July if approvals have been received.

A handwritten signature in black ink that reads 'D O'Neill'.

Dennis O'Neill
Managing Director

For further information contact: Dennis O'Neill, Managing Director
Sydney, Australia +61(2) 9262 4235
Or visit our website at www.nupowerresources.com.au

The information in this release relates to exploration results and geological interpretation by Mr Warrick Rafferty (MSc). Mr Rafferty is a Member of the Australasian Institute of Mining and Metallurgy and a Fellow the Society of Economic Geology and has sufficient experience to qualify as a Competent Person as defined in the Australasian Code for Reporting of Mineral Resources and Ore Reserves (JORC CODE) for reporting exploration results. Mr Rafferty consents to the inclusion of the data in the form and context in which it appears.

The release contains forward-looking statements. The actual results could differ materially from a conclusion, forecast or projection in the forward-looking information. Certain material factors or assumptions were applied in drawing a conclusion or making a forecast or projection as reflected in the forward-looking information.