

**ASX**

AUSTRALIAN SECURITIES EXCHANGE

MARKET RELEASE

29 June 2009

Fission Energy Limited**TRADING HALT**

The securities of Fission Energy Limited (the "Company") will be placed in pre-open at the request of the Company, pending the release of an announcement by the Company. Unless ASX decides otherwise, the securities will remain in pre-open until the earlier of the commencement of normal trading on Wednesday, 1 July 2009 or when the announcement is released to the market.

Security Code: FIS
 FISO



Jill Hewitt

Adviser Issuers (Perth)



Fission Energy Ltd

ACN 119 057 457

29 June 2009

Mr Nicholas Ong
Adviser Issuer, Perth
Australian Securities Exchange
Level 8 Exchange Plaza
2 The Esplanade
PERTH WA 6000

By facsimile: 9221 2020

Dear Mr Ong

FISSION ENERGY LTD (ASX Code: FIS, FISO) ("the Company") – TRADING HALT

We request that a trading halt be placed on Fission Energy Ltd shares and options pending an update regarding the Mt Thirsty Nickel Sulphide drilling program to be lodged prior to the commencement of trading on Wednesday 1 July 2009.

Fission Energy Ltd is not aware of any reason that a trading halt should not be granted.

Yours faithfully,

Aaron Gates
Company Secretary