TSG-RAN Working Group 1 meeting No. 15   **TSGR1-00-0982**
August 22– 25, Berlin, Germany

TSG-RAN Working Group 3 meeting #14   TSGR3#14(00)1966
Helsinki, Finland, 3 – 7 July, 2000

SOURCE: TSG RAN WG3

TITLE: **LS on Synchronisation of the starting timing of Power Balancing for NodeBs**

TO: **RAN-WG1**

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RAN-WG3 at its #14 meeting, Helsinki, Finland, discussed an issue regarding the synchronisation of the starting timing of power balancing for NodeBs.

Some companies see the problem when the power balancing is not executed at the same timing (CFN) between NodeBs (Asynchronous case), and give solutions on how to simultaneously execute the power balancing (Synchronous case). For detail, please see the attached discussion papers from NEC and Alcatel.

However, during the discussion, delegates in RAN-WG3 could not get the satisfied result in the case when TPC error occur, the case which was not shown in both NEC and Alcatel discussion paper. Therefore RAN-WG3 would like to ask RAN-WG1 for their help, provide some helpful information especially to answer the questions below:

1) How many percentage of the TPC error occurs during the duration of the connection?
2) Could RAN-WG1 give their opinion on whether it is essential to include a synchronisation of Power Balancing in R99, or whether this is a potential optimisation for future release.

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