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|  | Ade W | Page 4 |  |  | Pipeline RA section | Include stray current interference | Statement added need to consider whether additional GPG is required |  |
|  | Ade W |  | 4.2.4.1 |  | Please don’t just reference DCVG in the section | Remove DCVG and replace with coating defect survey | Text amended |  |
|  | J Ferrari | 3.2 |  | Suggestion | Perhaps just refer to description in PSR/96 rather than reproducing it |  | Draft diagram to be produced for consideration |  |
|  | JF | 4.2.4 |  | Suggestion | What about cycling from reasons other than pressure e.g. tidal action, temperature | Add other cycling | Text amended |  |
|  | JF | 4.2.3 |  | Suggestion | Elevated temperature considerations e.g. insulation and expansion bellows and anchor points | Include insulation integrity and bellows / anchor integrity | Text amended – additional bullets added |  |
|  | JF | 4.2.4.1 |  | Comment | Insulated pipelines difficult to carry out DCVG |  | Additions bullets added |  |
|  | JF | 4.2.4.2 |  | Suggestion | Include cycling for temperature and external loading? |  | Text amended – additional bullet added |  |
|  | BPA | Disclaimer | - | ED | Reads ‘Copyright @2018’ and I think should be the copyright symbol | Update to ‘Copyright © 2018’ | Corrected |  |
|  | BPA | 2 | - | ED | Incorrect use of plural ‘The objectives of this good practice guide (GPG) is’ | Amend to ‘The objective of this good practice guide (GPG) is’ | Corrected |  |
|  | BPA | 3 | 3.2 | GE | This section needs to:1.) provide better definition of a pipeline2.) what is meant by an installation3.) Provide a list of items that are excluded from the scopeAt the moment it is not clear exactly what is or isn’t covered | Include:* Definition of an pipeline along with an accompanying diagram
* Definition of an ‘installation’ along with an accompanying diagram

List of items not covered e.g. compressors, pumps, etc. | Draft diagram to be prepared |  |
|  | BPA | 4 | 4.1 | GE | The statement on life extension doesn’t clearly state when the extension study should be completed by - ambiguity means it could be done after the design life has been exceeded. | Update sentence to finish “a formal life extension assessment should be performed prior to the original design life being exceeded”. | Text amended |  |
|  | BPA | 4 | Figure 1 | GE | Figure 1 shows a good process and in outline this GPG follows it but the flowchart boxes don’t really match the headings in the GPG which makes it less clear. The flowchart should reflect the headings in the GPG. | Update or replace with a new flowchart that follows the headings given in the GPG so it matches the body of the guide. | Flowchart to be redrafted for consideration |  |
|  | BPA | 4 | 4.2.4 | TE | In establishing the current integrity of a system you need to determine the remaining life due to known defects, repairs or ageing mechanisms. This section should clearly state the aim is to determine the remaining life or life limiting factors. | Suggest the following is added “A full operations and maintenance review shall be undertaken *to determine the remaining life of the pipeline system*, including: | Text amended |  |
|  | BPA | 4.2.4.1 | Para 1 | TE | ILI will tell you lots of things but it does not provide 100% corrosion coverage. To do this you need to review CP data to ensure a detailed assessment. | Suggest amend to *“A detailed corrosion assessment should be carried out using the in line inspection results history* *and pipeline CP data (this should include available CIPS and DCVG data) to ensure all corrosion or areas of corrosion risk are captured”* | Text added |  |
|  | BPA | 4.2.4.5 | Para 5 | GE | Draft asks if TBN should be done on calculating stress cycles | I agree, it should be!  | To be considered by Life Extension Subgroup |  |
|  | BPA | 4.2.4.3 | Para 1 | ED | Spelling mistake “requited”  | Amend to “required” | Corrected |  |
|  | BPA | 5 | Para 2 | GE | When recommendations on life/remaining life are made they should be accompanied by a timescale in which they are to be completed by to ensure safety/integrity. | Suggest amend to something like: *“The results shall be documented in a life extension report, which shall include recommendations for any required remedial measures or additional inspection and assessments necessary* *along with timescales for completion in order to justify safe life extension.”* | Text amended |  |
|  | CR |  |  | General | From NGN perspective would like to include information about Records review (including dealing with missing records) |  | To be considered by Life Extension Subgroup |  |
|  | CR |  |  | General | Carry out specific studies to develop generic recommendations for establishing historical and future pressure cycling for pipelines and installations and corrosion incident rate for installations  |  | To be considered by Life Extension Subgroup |  |
|  | GP | 4.2.4 | Last para | TE | What should be about any gaps in the current integrity vs the pipeline standards |  | To be considered by Life Extension Subgroup |  |
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