

## Minutes

### Mossmorran & Braefoot Bay Community & Safety Liaison Committee Meeting

**Date:** 29/06/2017

**Time:** 18:30

**Location:** New City House, Dunfermline

Present Alistair Bain, Chair – Fife Councillor  
Rachael Turner, Secretary  
David Barratt – Fife Councillor  
Kathleen Leslie – Fife Councillor  
Amelia Howie – Lumphinnans cc  
Alex Haddow – Cowdenbeath cc  
Alex Macdonald – Burntisland cc  
David Taylor – Cardenden & Kinglassie cc  
James Mann – Lochgelly cc  
David Burgess – Shell  
John Raine – Shell  
Ian Brocklebank – SEPA  
Catherine Cubitt – ExxonMobil Chemical Limited  
Sonia Bingham – ExxonMobil Chemical Limited  
Absent Tom Lochhead – Auchtertool cc

#### 1. Chairperson Appointed to Committee

- Committee agree on Alistair Bain acting as Chairman for the committee meetings.

#### 2. Apologies for Absence

- Tom Lochhead – Auchtertool cc

#### 3. Declaration of Interest

- None.

#### 4. Minutes of Previous Meeting

- No minutes were distributed due to absence of secretary.

#### 5. Recent Flaring at Mossmorran

SB explains:

- The recent flaring at Mossmorran was not planned, therefore not minuted at the previous committee meeting. The plant has been operating well with excellent production rates this year.
- ExxonMobil Chemical Ltd.'s first flaring occurrence was on Monday 12th June at 00:27 hours. A pump, which forms part of the steam condensate system for the propane refrigeration compressor driver, suffered a mechanical failure. The resulting power reduction to the compressor led to the shutdown of the recovery section of the plant and subsequently completed and start-up sequence executed. Flaring ceased Saturday 17th June at 09:20 hours. An investigation is ongoing to determine the root causes and evaluate options to prevent re-occurrence

- The second flaring occurrence was Sunday 18th June at 18:26 hours. Feed was lost from the supplier, this impacted production, resulting in the shutdown of the Process Gas Compressor (PGC) and elevated flaring at 19:15 hours. Steam header pressure could not be maintained and impacted steam to the flare between 19:27 hours and 19:55 hours. At 22:00 hours ethane feed from the supplier was reinstated and restart sequence was commenced. The plant returned to normal operation at 02:00 hours on the 20th June and flaring ceased. An investigation is ongoing to determine the root causes and evaluate options to prevent re-occurrence.
- The second flaring occurrence was the day after the first flaring had been resolved, thus making the start-up sequence quicker by repeating a similar procedure.
- The ExxonMobil Chemical Ltd team have been very productive and resolved the problem efficiently. ExxonMobil Chemical Ltd try to avoid flaring at all times, especially when there is smoke to the flare and it also causing disturbance with their neighbours.
- JM received many noise and vibration complaints from Lochgelly residents and questions the reason for the noise. SB states ExxonMobil Chemical Ltd and SEPA have carried out noise monitoring during the flaring. There is no definitive answer at the moment for the reason of the noise and vibrations as investigations are still being carried out. SB states, from an operational perspective, there were no differences in comparison to previous flaring occurrences. ExxonMobil Chemical Ltd is working with SEPA to investigate what caused the flaring, the impact it has had and how to prevent it from recurring.
- DB questions how long the investigation will take, IB states the timeline is unknown at the moment, SEPA will also be carrying out their own investigation. This conclusion will determine if any action will be required and outcome will be issued when complete.
- AM questions if information has been found showing if any consent limits have been breached or not, regarding smoke in the atmosphere. IB states this will be included in the investigation. The recent flaring and smoke will be discussed at the air quality review meeting, taking place in July.
- DB states he emailed ExxonMobil Chemical Ltd regarding the frequency and the severity of the flaring to understand the events, and questions if flaring has increased this year. SB states flaring is not increasing this year, over the past years the levels of planned flaring have been average. This committee are always informed of planned and unplanned flaring, with an explanation as to why, is given. DB questions if flaring may increase due to aging of the plant, SB reassures that there are no structural issues causing flaring.
- AB questions when the ExxonMobil Chemical Ltd plant was last upgraded. SB states the plant is continuously being upgraded. A turnaround is carried out every 8 years,

every 4 years there is an interim shutdown, this last occurred in September 2016, during this shutdown preventative maintenance and upgrades takes place. Continuous upgrades are completed on a periodic basis. A new upgraded computer system is currently being installed in the plant.

- The committee agree that most community complaints received by local residents are regarding noise and black smoke. AB questions ExxonMobil Chemical Ltd, when they receive a complaint from a local resident, does an employee visit the residence to fully understand the reason for the complaint. SB states ExxonMobil Chemical Ltd engage with the community when complaints are received and visits to residences are carried out.
- AM states that when emailing ExxonMobil Chemical Ltd, to query the reason for flaring, he has always had the same reply, stating that flaring is occurring and it is being dealt with. Community Councillors agree and feel it would be useful to have a more detailed explanation as to why flaring is occurring, allowing residents to be more informed of the situation. This information can be sent to Community Councillors who can publish it on social media.

#### **6. Mossmorran Action Group, Public Meeting – 5th July**

- DB states the poster for the Mossmorran Action Meeting 5 July 2017 states the invited companies that will be on the panel, SEPA, Shell, ExxonMobil Chemical Ltd and Fife Council, however Fife Council are not sending an officer, as they do not have jurisdiction over Mossmorran Actions, their presence at the meeting may also send the wrong message to the attendees, showing that Fife Council are involved and can take action with Mossmorran. Fife Councillors from this committee will be attending the Mossmorran Action Meeting.

### **7 Current Situation Reports**

#### **7.1 Shell UK LTD – Circulated Report**

- Safety
  - Personal Safety – in March there was a Lost Time Incident (LTI) whereby a technician injured his foot whilst closing a gate.
  - Process Safety – at Braefoot Bay a pipeline shutdown valve failed to close during a test. This was reported to the HSE who visited the site to ensure the interim plans for the manual valve closer met the expectations. Preparations are under way for a replacement valve to be installed in Q3. Module 3 removed from service for integrity repair to 6inch pipework, for 5 days in June. 18th June trip on Module 2 due to an electrical fault.
  - Environmental – 1 PPC permit incident of smoky flare beyond Ringleman 2 level for a period of 25 minutes due to lack of steam supply on 18th June. 1 PPC permit incident of smoky flare beyond Ringleman 2 level for a period of 25 minutes, due to lack of steam supply on 18th June. 15 minutes of smoky flaring is normal and allowed, after this time the incident must be reported to SEPA.
- Emergency planning exercises

- Exercises have been carried out in March, April and May covering Braefoot Bay and Mossmorran. These were well facilitated by PERM and the exercises were well supported by the emergency services.
- Planning is under way for the COMAH domino scenario exercise, which will occur in September. Police Scotland, in conjunction with other emergency services, facilitated the Incident Managers Awareness training in May.
- Shell FNGL also attended the Fife Emergency Planning Forum for COMAH sites kick-off meeting in May.
- Mossmorran Activities
  - Plant operations are at a steady state.
  - Ground Flare “B” three year inspection is complete and returned to service.
  - Module 2 Furnace Tripped on Electrical Fault whilst Module 3 was out of service, resulting in process trip on all Incoming Feed Supply for a period of 2 hours on Sunday 18th June.
  - NGL Processed (Tonnes) Average/Day: Mar – 11344, Apr – 11375, May – 11208.
- Braefoot Bay Activities
  - New Loading Arms 1 and 2 installed, commissioned and used for two product loads.
  - Loading Arm 3 planned removal Q2 2017.
  - Total ships: Mar – 11, Apr – 12, May – 13.
- Community Feedback
  - Ongoing noise complaints received from a resident in Aberdour, Shell are working with ExxonMobil Chemical Ltd to investigate and will have a follow up meeting with the resident at the end of June.
- Visits
  - 20 students, including 6 from Fife, taking part in the Shell “Girls in Energy” programme have been involved in various visits:
    - Make the Future LIVE London  
Make the Future Live is a festival of ideas and innovation featuring Shell Eco-marathon Europe, returned to Queen Elizabeth Olympic Park, May 25th – 28th, 2017. The girls got to meet the teams and learn about fuel efficiencies, they also got to go out on to the track and inspect the cars before the grand final with the Technical Inspection Team. They also visited the Wonder Lab at the London Science Museum.
    - Shell Industry Experience  
14 students, including 4 from Fife, are getting the opportunity to spend two weeks at the Shell Upstream head quarters in Aberdeen. They will get an inside look at Shell’s business, meeting over 100 people who will talk about the wealth of careers available to them in the energy industry. They will also have the opportunity to get some hands on experience through external visits; offshore survival training, CHC Helicopters to meet engineers and pilots, they will also try survival suits and prepare to travel offshore. They will visit a supply vessel in the harbour and Subsea 7 to take in the ROV Centre. Finally they will spend the day

at St Fergus Gas Plant with Abbey Thomson, who is one of the first Girls in Energy who is now working for Shell at the Gas Plant.

- Workforce
  - Total – 256
  
- Social Investments & Events
  - Tomorrows Engineers

Shell has contributed over £1million to expand the Tomorrow’s Engineers programme throughout the UK. Shell’s investment to this programme will give thousands more Scottish Students, aged 11-14 year old, hands-on engineering experiences and help them explore the diverse range of opportunities that a technical career can provide. For more information visit:  
[www.tomorrowsengineers.org.uk](http://www.tomorrowsengineers.org.uk)
  - Shell Twilight Basketball

Shell Twilight Basketball is a national programme, which provides basketball sessions infused with education and life-skills. Basketball sessions continue running in Levenmouth, Dunfermline and Lochgelly. Sessions are free and available for all aged 11-21 years old, for more information visit:  
[www.scottishsportsfutures.org.uk/shell-twilight-basketball](http://www.scottishsportsfutures.org.uk/shell-twilight-basketball)
  - GeoBus

GeoBus is an educational outreach project for schools developed and run by the Department of Earth & Environmental Sciences at the University of St Andrews. The Geobus continues to visit schools across Scotland, for more information visit:  
[www.geobus.org.uk](http://www.geobus.org.uk)
  - Girls in Energy

This programme is a one-year course, designed to open young women’s eyes to the energy industry’s wealth of career opportunities. The course is being delivered to: St Andrews High, Madras, Woodmill High School and Auchmuty. Shell currently has approximately 160 students across Scotland; including 40 students are from Fife.
  - 2017 Calendar
    - > March – SCDI Young Engineers Clubs - Dundee Science Centre
    - > April – Lochgelly High School Employability - Job Interviews & Work Placements.
    - > May – Girls in Energy end of year celebration event with Fife College.
    - > May – Girls in Energy attending Shell Make the Future London LIVE!
    - > May – Tomorrows Engineers Programme - ongoing throughout the year.
    - > June – Shell Industry Experience September - New intake of “Girls in Energy”
    - > November – Fife Art Competition.
  
- Donations
  - Total donations – £16,650 during the reporting period.

## 7.2 ExxonMobil Chemicals Ltd – Circulated report

- Safety, Health and Environment
  - 21+ years (7979 days) without a time losing injury to any personnel working on-

- site.
  - 169 days since the last recordable injury.
  - 11 days without an environmental incident resulting in a breach of consent limits.
- Site Visits
  - In response to a commitment made to the local community via Roger Mullin, former MP following the Outage in September 2016, ExxonMobil Chemical Ltd hosted Community Days on-site on Saturday 29th April and Friday 12th May. The visits targeted residents in Auchtertool, Crossgates, Cowdenbeath, Lumphinnans and Lochgelly. The visit included a presentation of the plants operations, a plant tour and a visit to the FEP Control Room and a chance to mix and mingle with staff. Participants commented on the fact that the visits were interesting and informative and appreciated the opportunity to meet and have their questions answered by staff on-site.
  - 31 classes from local primary schools have visited the environmental pond during May and June 2017. In 2017 FEP hosted approximately 1,000 visitors to the pond this year.
  - 2017 has marked the 20th year of this annual school environmental education programme, and FEP has welcomed in excess of 20,000 primary school children to enjoy a fun-filled activity exploring and learning of the inhabitants of the site's environmental pond.
  - Torryburn Primary School, Dunfermline and Torbain Primary School, Kirkcaldy visited the site as part of their "World of Work" projects, to investigate the diverse workforce on-site.
  - Chris Skidmore, MP, Parliamentary Under Secretary at the Cabinet Office visited the site in March.
  - 2 groups from Auchtertool Community visited the site in April to gain an understanding of the operations of the site.
- Corporate Hospitality
  - No corporate hospitality during the reporting period
- Plant Operations
  - March 22nd HSE visited to close out the Mechanical Inspection of Braefoot Bay, no follow up actions.
  - SEPA visited the plant on 24th March to discuss COMAH MATTE Assessments.
  - First flaring incident at 00:27 hours on Monday 12th June, flaring ceased at 09:20 hours on Saturday 17th June.
  - Second flaring incident at 18:26 hours on Sunday 16th June, flaring ceased at 02:00 hours on the 20th June.
  - An investigation is ongoing to determine the root cause and evaluate options to prevent re-occurrence.
  - (See point 5. Recent Flaring at Mossmorran, for more information)
- Community Complaints/Enquiries
  - FEP received 28 community complaints/enquiries regarding the flaring on 12 – 17 June 2017.

- FEP received 26 community complaints/enquiries regarding the flaring on 18 – 20 June 2017.
- FEP received noise complaint from an Aberdour resident. ExxonMobil Chemical Ltd and Shell are continuing to work with this resident to resolve the issue.
- Contributions
  - Total donations £2,500 during the reporting period.
- Other
  - 5 former apprentices have recently completed their training and joined the staff at ExxonMobil Chemical Ltd, in the roles of Business Administration, Maintenance Technician and Plant Technicians.
  - Following aptitude testing and interviews ExxonMobil Chemical Ltd are now looking to offer:
    - 3 x Maintenance Apprenticeships, (1 each in the disciplines of Instrumentation, Mechanical and Electrical).
    - ExxonMobil Link School – School Resource Grant Applications have been mailed to schools. Each Link School is offered grants/support up to the value of £3,000 and selected mix best suited to them. In 2017 the total value to the Links Schools supported by ExxonMobil Chemical Ltd via the school equipment grants and schools opting into various Educational Programmes will be around £39,000.
    - Via the Link School Programme 835 pupils from local schools have participated in various Generation Science Workshops. These workshops provide children with hands on experience of science and technology.
    - Workshops for Link Schools include:
      - > Dalgety Bay Primary School – Little Giants x 3 shows and Body Builders
      - > Foulford Primary School – Bricks and Blocks x 4 shows
      - > Lochgelly South Primary School – Fizz, Boom, Bang x 4 shows
      - > Lochgelly West Primary School – Little Giants x 3 shows and Space Base
      - > Lumphinnans Primary School – Fuel Hunters x 3 shows and Reddy Teddy Go
      - > Auchtertool Primary School – Get Fizzy, Marvellous Magnets and Space Base
      - > St. Brides PC Primary School – Body Builders, Day or Night, Fizz, Boom, Bang
  - In May FEP teamed up with the Lady Haig Poppy Factory, in Edinburgh. Working with staff from the Poppy Factory, 30,000 poppies were assembled, which will be sold as part of the Remembrance Events later in 2017.
  - FEP is supporting the Fife Community Partnership and emergency response practitioners in Fife, by supporting the SDSA Roadshow in November 2017.
  - FEP donated £1,500 to Kinship Carers to support their annual gathering event, for families all over Fife, on Burntisland Link on Saturday 17th June. Staff from the site also supported this event on the day, manning various stalls from registration, and catering through to the tombola and also managing the car parking.
  - Staff from FEP worked with Cowdenbeath Community Council assisting with the selection of the “Royal Party” for Cowdenbeath Civic Week, attending the crowning of the Royal Party and attending Gala Day itself and judging the best floats on the day.
  - On Sunday 2nd July a team from FEP will take on a local amateur football team

for a charity football match at Central Park, Kelty with funds raised being donated to Lumphinnans Sensory Garden Fund.

### 7.3 SEPA – Circulated report

#### Shell

- SEPA is in the process of completing its review of the Shell Mossmorran and Braefoot Bay COMAH Safety Reports, the purpose of which is to show that the Operator has put in place arrangements for the control of major accident hazards and to limit the consequences to people and the environment of any that do occur (Further information can be found at <http://www.hse.gov.uk/comah/background/comah15.htm>).
- SEPA Inspected the Shell Mossmorran site on the 20 March 2017 the focus being on the ground flare overhaul and environmental critical equipment.

#### ExxonMobil Chemical Ltd

- ExxonMobil Chemical Ltd is in the process of preparing their COMAH Safety Reports and these will be reviewed by SEPA once they are ready.
- SEPA visited the ExxonMobil Chemical Ltd site on the 31 March 2017 and reviewed aspects of the COMAH environmental impact assessments, sampling and sulphur emissions as well as aspects of applicable Best Available Techniques Reference Documents which will be used in future reviews of the site permit.
- The link to the web page, which gives information on outcomes of inspections, will be announced at the next meeting.

### 7.4 Community Council

#### Lumphinnans Community Council

- Thank you to ExxonMobil Chemical Ltd for Lumphinnans Primary School's visit to the Environmental pond dipping.
- Thank you for your contribution to the sensory garden at the new care home in Lumphinnans, an individual is creating it in memory of his mother.

#### Cowdenbeath Community Council

- Thank you to Shell and ExxonMobil Chemical Ltd for your contributions and support for the Cowdenbeath Gala. Thank you to CC for judging the floats at the Gala.
- Thank you for your contributions towards the local Primary School.

#### Lochgelly Community Council

- AM is attending the Mossmorran Action Meeting on 5th July, and will be answering questions using the facts discussed at this meeting.

#### Burrtisland Community Council

- Thank you to Shell and ExxonMobil Chemical Ltd for your contributions towards the new play park in Burrtisland.

**8. AOB**

- None

**6. Date of future meetings:**

- September – 14th 18:30 2017
- December – 14th 18:30 2017
- March – 8th 18:30 2018